

**Table 16. Federal obligations for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	6,175,240	6,729,708	7,619,332	8,514,115	9,606,758	10,535,005	11,597,378	12,212,780
Departments:								
Department of Agriculture, total .....	365,064	401,944	442,224	524,020	594,484	631,920	657,435	740,984
Agricultural Cooperative Svc .....	NA	NA	NA	NA	NA	NA	1,634	1,739
Agricultural Marketing Svc <sup>1</sup> .....	0	0	0	0	0	445	1,000	907
Agricultural Research Service .....	NA	NA	NA	NA	NA	NA	NA	367,922
Cooperative State Research, Education, & Extension Svc .....	NA	NA	NA	NA	NA	NA	NA	199,383
Economic Research Service .....	NA	NA	NA	NA	NA	NA	NA	39,343
Economics, Statistics, & Cooperative Service <sup>2</sup> .....	19,866	23,444	26,740	29,667	32,700	35,500	NA	NA
Economics & Statistics Svc <sup>3</sup> .....	NA	NA	NA	NA	NA	NA	31,051	NA
Forest Service .....	62,267	73,256	74,503	86,110	100,653	102,500	106,055	119,859
National Agricultural Statistics Service .....	0	0	0	NA	NA	NA	NA	7,500
Office of International Cooperation & Development .....	NA	NA	NA	NA	NA	0	4,939	3,561
Office of Transportation .....	NA	NA	NA	NA	NA	0	0	770
Science & Education Administration .....	282,931	305,244	340,981	408,243	461,131	493,475	512,756	NA
Department of Commerce, total .....	129,189	144,420	155,713	176,129	192,775	219,458	254,433	249,375
Bureau of the Census .....	667	659	2,137	2,008	2,334	1,824	1,948	3,016
Economic Development Admin .....	903	1,118	2,063	2,500	5,912	8,500	2,500	1,800
Maritime Administration <sup>4</sup> .....	5,770	5,737	4,976	3,700	7,000	12,161	12,136	NA
Minority Business Dvlpmnt Agcy .....	183	882	405	715	0	0	0	0
National Fire Prevention & Control Administration <sup>5</sup> .....	NA	720	3,195	4,476	NA	NA	NA	NA
Nat'l Inst of Standards & Tech .....	32,660	34,747	37,530	44,954	48,524	51,800	58,893	66,206
National Oceanic & Atmospheric Administration .....	87,119	99,713	104,870	115,776	127,920	142,691	168,810	168,496
National Telecommunications & Information Administration .....	NA	NA	NA	2,000	1,085	2,400	9,625	9,857
Office of the Secretary .....	0	0	0	0	0	82	521	0
Office of Telecommunications .....	1,640	594	350	NA	NA	NA	NA	NA
Patent & Trademark Office .....	247	250	187	0	0	0	0	0
Department of Defense, total .....	1,434,408	1,431,007	1,527,481	1,715,845	1,824,058	2,014,098	2,261,769	2,600,900
Department of the Army, total .....	366,495	336,372	362,395	397,993	409,810	448,610	479,255	536,455
Department of the Army, Civil Functions .....	5,700	5,750	12,825	15,015	14,800	15,612	17,655	18,155
Department of the Army, Military Functions .....	360,795	330,622	349,570	382,978	395,010	432,998	461,600	518,300
Department of the Navy .....	401,331	406,491	437,950	497,362	526,317	567,315	611,100	698,000
Dept of the Air Force .....	341,651	355,842	382,302	425,775	448,745	492,253	537,300	617,300
Defense Agencies .....	322,239	330,634	344,134	393,415	431,686	505,920	634,114	749,145
Defense Civil Preparedness Agency <sup>6</sup> .....	2,692	1,668	700	1,300	7,500	NA	NA	NA
Department of Education .....	NA	NA	NA	NA	NA	93,392	87,575	0
Department of Energy <sup>7</sup> .....	NA	NA	NA	891,266	1,102,243	1,131,846	1,277,326	1,413,605
Department of Health, Education, & Welfare, total .....	1,846,692	1,924,830	2,150,733	2,414,280	2,740,717	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	155,616	139,425	136,617	151,966	178,751	NA	NA	NA
Center for Disease Control .....	44,942	42,564	49,596	55,273	60,084	NA	NA	NA
Food & Drug Administration .....	43,521	35,896	37,077	42,872	64,134	NA	NA	NA
Health Care Financing Admin .....	NA	NA	NA	29,998	19,400	NA	NA	NA
Health Resources Admin .....	9,710	16,703	30,971	7,410	5,000	NA	NA	NA
Health Services Administration .....	9,363	10,627	9,509	9,521	10,616	NA	NA	NA
National Inst of Education .....	9,538	4,068	10,798	27,120	34,616	NA	NA	NA
National Institutes of Health .....	1,489,640	1,604,217	1,767,692	1,968,658	2,232,596	NA	NA	NA
Office of Assistant Secretary for Education .....	0	550	1,037	1,037	1,316	NA	NA	NA
Office of Assistant Secretary for Health .....	0	0	0	28,605	32,631	NA	NA	NA
Office of Education .....	6,443	5,266	21,428	11,892	13,311	NA	NA	NA
Office of Human Dvlpmnt Svcs .....	17,158	7,077	34,624	48,711	45,161	NA	NA	NA
Office of International Health .....	2,708	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary .....	29,755	26,229	23,704	20,000	30,201	NA	NA	NA
Social & Rehabilitation Svc .....	8,876	9,648	18,580	NA	NA	NA	NA	NA
Social Security Administration .....	19,422	22,560	9,100	11,217	12,900	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

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Page 2 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	3,015,669	3,332,777	3,492,241
Alcohol, Drug Abuse, & Mental Health Administration .....	NA	NA	NA	NA	NA	213,535	233,536	237,684
Centers for Disease Control & Prevention .....	NA	NA	NA	NA	NA	76,271	87,257	74,822
Food & Drug Administration .....	NA	NA	NA	NA	NA	60,979	75,400	71,400
Health Care Financing Admin .....	NA	NA	NA	NA	NA	31,828	45,727	38,623
Health Resources Admin .....	NA	NA	NA	NA	NA	4,944	5,140	5,038
Health Services Administration .....	NA	NA	NA	NA	NA	10,201	8,023	10,236
Human Development Services .....	NA	NA	NA	NA	NA	14,863	19,131	39,897
National Institutes of Health .....	NA	NA	NA	NA	NA	2,530,111	2,787,470	2,948,309
Office of the Assistant Secretary for Health .....	NA	NA	NA	NA	NA	29,894	25,706	28,754
Office of the Secretary .....	NA	NA	NA	NA	NA	24,715	24,000	19,500
Social Security Administration .....	NA	NA	NA	NA	NA	18,328	21,387	17,978
Dept of Housing & Urban Dvlpmnt .....	33,790	33,495	36,945	32,720	30,535	23,770	19,601	16,690
Department of the Interior, total .....	143,498	234,053	259,458	255,942	283,492	339,468	354,446	369,837
Bonneville Power Admin .....	373	476	462	0	0	0	0	6,491
Bureau of Land Management .....	644	745	653	819	1,038	1,121	1,323	1,458
Bureau of Mines .....	30,517	52,912	73,300	52,322	57,000	79,100	82,800	68,000
Bureau of Reclamation .....	6,930	7,318	7,925	9,282	10,596	11,400	12,911	13,387
Geological Survey .....	66,234	106,616	110,324	117,468	133,656	145,071	145,839	169,277
Heritage Conservation & Recreation Service .....	20	20	20	20	NA	NA	NA	NA
National Park Service .....	2,460	8,377	9,272	7,498	7,700	8,944	8,243	10,351
Office of the Secretary .....	381	1,270	1,045	4,536	1,738	1,413	2,233	1,514
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	0	2,194	4,978	7,471	5,794
Office of Water Rsch & Tech .....	14,954	15,421	13,951	12,308	15,400	17,800	18,400	15,790
US Fish & Wildlife Svc .....	20,985	40,898	42,506	51,689	54,170	69,641	75,226	77,775
Department of Justice, total .....	18,564	18,895	18,317	17,584	45,722	28,846	28,760	19,503
Bureau of Prisons .....	0	0	0	136	679	498	857	1,657
Drug Enforcement Admin .....	1,700	924	500	900	500	700	800	400
Immigration & Naturalization Service .....	0	49	133	148	189	100	151	70
Office of Justice Programs .....	16,864	17,922	17,684	16,400	43,300	25,900	25,632	16,676
Office of Legal Policy .....	0	0	0	0	1,054	1,648	1,320	700
Department of Labor, total .....	17,225	15,278	18,000	18,727	25,711	42,082	36,432	58,197
Bureau of Labor Statistics .....	643	733	776	896	782	912	925	251
Employment Standards Admin .....	891	3,240	4,268	4,446	3,737	5,338	4,900	3,200
Employment & Training Admin .....	11,657	7,129	7,544	6,393	14,931	25,942	20,124	48,794
Labor-Management Svcs Admin .....	1,232	814	731	3,306	2,761	3,183	2,819	1,752
Occupational Safety & Health Administration .....	499	1,374	2,900	3,441	1,300	5,107	6,300	3,000
Office of the Secretary .....	2,303	1,988	1,781	245	2,200	1,600	1,364	1,100
Pension Benefit Guaranty Corp .....	NA	NA	NA	NA	NA	NA	NA	100
Department of State, total <sup>8</sup> .....	17,804	22,458	25,128	38,270	49,126	2,694	1,956	1,606
Agency for Internat'l Dvlpmnt <sup>8</sup> .....	16,753	21,715	24,007	36,205	46,648	NA	NA	NA
Departmental Funds .....	1,051	743	1,121	2,065	2,478	2,694	1,956	1,606
Dept of Transportation, total .....	61,781	53,844	31,100	51,760	66,500	66,983	82,445	88,589
Coast Guard .....	6,734	4,288	2,600	2,500	2,300	10,900	8,100	14,963
Federal Aviation Admin .....	13,864	14,123	3,600	4,700	6,800	7,500	8,200	8,200
Federal Highway Administration .....	3,267	3,386	1,900	5,300	4,900	4,400	4,600	5,100
Federal Railroad Admin .....	1,597	2,689	8,600	6,600	9,200	7,500	7,900	6,200
Federal Transit Administration .....	6,248	2,899	600	1,000	1,100	1,100	8,890	9,300
Maritime Administration <sup>4</sup> .....	NA	NA	NA	NA	NA	NA	NA	9,526
National Highway Traffic Safety Administration .....	14,900	12,048	9,900	27,500	38,000	30,003	38,615	29,400
Office of the Secretary .....	15,171	14,411	3,900	4,160	4,100	580	640	700
Rsch & Special Programs Admin .....	NA	NA	NA	0	100	5,000	5,500	5,200
Department of the Treasury, total .....	457	400	1,474	2,140	4,114	4,718	5,687	5,219
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	440	414	655	346	100
Bureau of Engraving & Printing .....	457	400	1,474	1,700	1,900	593	1,300	907
Internal Revenue Service .....	0	0	0	0	1,800	3,470	3,941	4,158
United States Customs Service .....	0	0	0	0	0	0	100	54
Department of Veterans Affairs .....	78,728	87,140	85,127	92,342	99,400	111,362	117,900	127,700

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Page 3 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Other agencies:								
ACTION .....	98	167	75	100	231	0	0	0
Advisory Commission on Intergovernmental Relations .....	1,135	1,238	1,026	1,526	1,685	1,696	2,219	2,211
Appalachian Regional Commission .....	NA	NA	719	562	320	650	600	280
Civil Service Commission .....	1,252	1,531	1,127	1,085	NA	NA	NA	NA
Community Services Admin .....	464	237	0	1,000	1,961	1,813	1,250	1,927
Consumer Product Safety Comm .....	2,634	3,042	3,477	3,710	917	1,800	1,600	210
Energy Research & Dvlpmt Admin <sup>7</sup> .....	464,748	593,431	746,499	NA	NA	NA	NA	NA
Environmental Protection Agency .....	96,294	141,711	155,395	205,252	252,670	259,000	245,100	218,300
Federal Communications Comm .....	919	1,132	1,534	2,043	2,400	2,900	3,420	1,815
Federal Emergency Management Agency, total <sup>6</sup> .....	NA	NA	NA	NA	4,792	9,719	9,330	9,088
National Fire Prevention & Control Administration <sup>5</sup> .....	NA	NA	NA	NA	4,792	0	0	0
Federal Energy Administration .....	0	238	1,048	NA	NA	NA	NA	NA
Federal Trade Commission .....	932	934	850	1,111	1,356	1,521	3,021	1,100
Foundation for Educational Assistance .....	NA	NA	NA	NA	NA	NA	NA	53,788
General Services Administration .....	1,410	906	359	386	2,150	158	105	390
International Development Cooperation Agency <sup>8</sup> .....	NA	NA	NA	NA	NA	66,886	79,664	86,400
Agency for Internat'l Dvlpmt <sup>8</sup> .....	NA	NA	NA	NA	NA	66,886	79,664	86,400
Interstate Commerce Commission .....	0	0	123	64	250	150	143	0
Library of Congress .....	358	388	427	400	500	600	600	900
Nat'l Aeronautics & Space Admin .....	845,667	935,139	1,222,841	1,206,076	1,345,167	1,451,236	1,609,644	1,407,158
National Science Foundation .....	520,256	570,015	595,776	688,300	743,502	800,025	873,687	955,464
Nuclear Regulatory Commission .....	42,338	64,155	88,432	112,291	133,891	148,772	182,672	219,667
Office of Personnel Management .....	NA	NA	NA	NA	987	1,354	2,601	3,387
Off of Telecommunications Policy .....	275	2,482	1,896	NA	NA	NA	NA	NA
Office of Thrift Supervision .....	664	663	782	1,665	977	863	1,227	1,036
Small Business Administration .....	0	172	52	466	0	0	0	0
Smithsonian Institution .....	24,713	24,785	25,735	29,651	34,896	36,901	41,006	44,861
Special Action Office for Drug Abuse Prevention .....	11,112	3,802	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority .....	11,584	14,707	16,466	22,886	13,500	16,451	15,800	14,200
United States Arms Control & Disarmament Agency .....	1,086	985	1,394	1,796	2,495	2,710	2,996	1,639
United States Information Agcy <sup>9</sup> .....	101	84	99	71	115	77	83	1,116
US Internat'l Trade Commission .....	0	0	1,500	2,649	3,119	3,417	2,068	3,397

<sup>1</sup> Although the Agricultural Marketing Service was established in April 1972, fiscal year 1979 was the first year in which Congress appropriated funds to this agency.

<sup>2</sup> Data reported for the Economics, Statistics, & Cooperative Service include programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79.

<sup>3</sup> Data reported for the Economics & Statistics Service include programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980.

<sup>4</sup> In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

<sup>5</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

<sup>6</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

<sup>7</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>8</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>9</sup> Data reported for the United States Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 16A. Federal obligations for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 3

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	13,022,185	14,253,525	14,978,773	16,133,421	16,502,199	17,940,521	18,650,145	20,765,531
Departments:								
Department of Agriculture, total .....	766,463	817,558	834,887	910,940	896,406	918,907	985,206	1,002,222
Agricultural Cooperative Svc .....	1,704	2,145	2,243	2,888	2,629	2,669	2,690	2,821
Agricultural Marketing Svc <sup>1</sup> .....	1,008	1,147	1,189	1,346	1,306	1,196	1,332	1,254
Agricultural Research Service .....	379,134	417,900	424,300	442,000	436,000	454,553	479,376	492,100
Animal & Plant Health Inspection Service .....	0	0	0	0	4,167	4,933	5,637	7,354
Cooperative State Research, Education, & Extension Svc .....	219,032	232,287	235,748	284,343	269,049	270,748	298,445	307,290
Economic Research Service .....	39,270	38,777	43,672	46,354	44,585	44,767	48,107	49,508
Forest Service .....	107,659	103,900	105,108	109,820	109,723	122,919	131,500	127,500
Grain Inspection Packers & Stockyards Administration .....	0	0	0	752	643	743	602	771
Human Nutrition Information Svc ....	8,500	8,200	6,004	6,687	12,800	6,776	8,215	8,395
National Agricultural Statistics Service .....	7,000	7,600	8,200	8,393	8,009	3,392	3,611	2,897
Office of International Cooperation & Development .....	2,355	4,838	7,518	7,305	6,605	5,281	4,750	2,332
Office of Transportation .....	801	764	905	1,052	890	930	941	NA
Department of Commerce, total .....	276,055	284,841	296,701	324,179	339,459	338,579	342,330	350,978
Bureau of the Census .....	1,870	2,218	2,385	2,476	2,623	2,776	3,761	2,982
Economic Development Admin .....	1,600	5,300	5,148	2,000	2,300	5,000	4,170	1,007
Nat'l Inst of Standards & Tech .....	73,947	81,454	83,725	86,523	89,149	89,357	98,892	105,557
National Oceanic & Atmospheric Administration .....	188,516	188,931	197,700	224,417	237,458	234,400	228,209	234,569
National Telecommunications & Information Administration .....	10,100	6,906	7,724	7,913	7,592	7,044	7,298	6,863
Office of the Secretary .....	22	32	19	850	337	2	0	0
Department of Defense, total .....	2,952,821	3,222,649	3,048,531	3,168,283	3,227,263	3,347,556	3,239,123	3,656,124
Department of the Army, total .....	639,223	693,611	708,782	823,384	827,288	909,918	753,717	823,443
Department of the Army, Civil Functions .....	17,423	17,211	16,952	19,827	20,176	18,267	19,935	22,427
Department of the Army, Military Functions .....	621,800	676,400	691,830	803,557	807,112	891,651	733,782	801,016
Department of the Navy .....	778,700	827,000	765,363	791,332	784,342	786,713	747,848	783,218
Dept of the Air Force .....	633,900	688,400	740,098	736,653	758,957	784,793	773,059	807,401
Defense Agencies .....	900,998	1,013,638	834,288	816,914	856,676	866,132	964,499	1,242,062
Department of Education .....	70,467	76,067	80,901	91,905	95,839	106,946	110,995	121,962
Department of Energy <sup>2</sup> .....	1,696,088	1,961,127	2,024,889	2,141,037	2,040,321	2,097,851	2,235,367	2,431,681
Dept of Hlth & Human Svcs, total .....	3,605,584	4,020,846	4,466,023	5,028,334	5,189,558	6,021,944	6,496,963	7,088,434
Alcohol, Drug Abuse, & Mental Health Administration .....	246,056	300,352	336,021	376,421	394,882	473,282	552,392	692,640
Centers for Disease Control & Prevention .....	75,039	78,164	46,342	47,624	52,203	66,180	88,722	117,785
Food & Drug Administration .....	73,000	74,200	77,789	82,075	79,400	85,000	91,000	99,000
Health Care Financing Admin .....	29,083	30,208	33,100	33,463	28,966	27,301	28,156	49,076
Health Resources & Svcs Admin ....	6,698	11,003	16,236	18,157	12,265	9,308	10,032	10,483
Human Development Services .....	8,733	6,871	4,543	5,779	6,788	9,384	7,130	8,496
National Institutes of Health .....	3,124,452	3,478,205	3,910,417	4,428,117	4,587,600	5,314,657	5,680,698	6,061,763
Office of the Assistant Secretary for Health .....	13,899	16,624	18,108	16,888	15,787	18,899	19,445	25,550
Office of the Secretary .....	13,085	14,441	9,950	9,410	6,067	8,158	4,738	7,795
Social Security Administration .....	15,539	10,778	13,517	10,400	5,600	9,775	14,650	15,846
Dept of Housing & Urban Dvlpmt .....	10,310	11,259	6,299	6,528	5,252	5,454	6,282	6,102

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Page 2 of 3

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Department of the Interior, total .....	351,460	357,708	380,224	369,252	367,912	382,127	392,480	441,938
Bureau of Land Management .....	2,388	1,974	1,800	2,800	2,100	2,100	2,200	2,000
Bureau of Mines .....	81,094	79,370	97,159	86,549	81,564	85,190	86,170	93,223
Bureau of Reclamation .....	8,983	8,848	8,994	11,234	9,700	10,223	3,702	3,535
Geological Survey <sup>3</sup> .....	152,060	154,656	204,030	210,498	211,199	216,534	225,275	266,946
Minerals Management Service .....	0	1,500	1,500	1,416	1,088	1,022	1,187	2,212
National Park Service .....	11,203	13,746	14,000	15,000	17,300	18,500	19,379	19,422
Office of the Secretary .....	480	7,379	91	1,870	962	0	87	0
Office of Surface Mining .....								
Reclamation & Enforcement .....	1,500	1,478	797	1,985	2,299	958	980	700
Office of Water Rsch & Tech <sup>3</sup> .....	10,105	1,211	3,595	NA	NA	NA	NA	NA
US Fish & Wildlife Svc .....	83,647	87,546	48,258	37,900	41,700	47,600	53,500	53,900
Department of Justice, total .....	16,305	20,700	17,907	19,300	22,348	19,841	17,435	17,521
Bureau of Prisons .....	948	1,290	1,200	1,100	2,650	2,169	2,100	2,149
Drug Enforcement Admin .....	1,300	900	700	500	800	700	600	500
Immigration & Naturalization .....								
Service .....	250	300	300	200	200	200	336	85
Office of Justice Programs .....	13,415	18,010	15,707	17,200	18,516	16,672	14,399	14,787
Office of Legal Policy .....	392	200	0	300	182	100	0	0
Department of Labor, total .....	17,155	17,943	16,259	12,394	9,520	20,446	26,716	22,159
Bureau of Labor Statistics .....	291	665	547	621	634	6,522	7,042	7,000
Employment Standards Admin .....	1,400	1,400	860	28	0	1,035	60	118
Employment & Training Admin .....	8,654	7,907	6,060	3,507	3,476	5,382	6,846	6,050
Labor-Management Relations & .....								
Cooperative Programs <sup>4</sup> .....	NA	NA	313	298	162	266	361	303
Labor-Management Svcs Admin <sup>4</sup> ..	715	882	NA	NA	NA	NA	NA	NA
Occupational Safety & Health .....								
Administration .....	4,900	5,264	5,075	4,490	3,600	4,133	4,200	4,503
Office of the Secretary .....	900	1,525	1,900	1,683	1,273	1,848	5,237	2,472
Pension Benefit Guaranty Corp .....	295	300	330	200	100	300	300	300
Pension & Welfare Benefits .....								
Administration .....	NA	NA	1,174	1,567	275	960	2,670	1,413
Department of State .....	1,549	1,488	1,550	1,482	1,464	2,962	4,159	4,714
Dept of Transportation, total .....	66,685	72,596	77,692	71,226	68,223	68,756	91,204	120,455
Coast Guard .....	1,650	1,165	7,249	5,392	3,480	3,740	5,400	4,600
Federal Aviation Admin .....	7,000	12,500	15,000	17,300	14,000	11,100	13,276	23,579
Federal Highway Administration .....	5,300	7,300	6,148	6,334	14,714	20,704	43,696	56,570
Federal Railroad Admin .....	3,100	2,800	12,309	11,376	12,495	10,419	8,160	7,480
Federal Transit Administration .....	19,375	18,331	1,000	480	0	0	0	0
Maritime Administration .....	6,600	6,200	8,603	8,038	6,786	3,268	467	0
National Highway Traffic Safety .....								
Administration .....	21,300	21,400	24,700	20,900	16,100	18,900	19,100	26,242
Office of the Secretary .....	260	300	933	906	398	400	705	1,284
Rsch & Special Programs Admin ..	2,100	2,600	1,750	500	250	225	400	700
Department of the Treasury, total .....	8,145	10,186	10,560	18,310	17,740	17,364	15,858	16,310
Bureau of Engraving & Printing .....	2,821	2,000	2,241	3,419	3,133	2,828	1,157	1,379
Internal Revenue Service .....	5,276	7,894	8,080	14,653	13,990	14,121	13,700	14,135
United States Customs Service .....	48	0	102	65	215	180	650	420
United States Secret Service .....	0	292	137	173	402	235	351	376
Department of Veterans Affairs .....	123,000	146,100	171,900	209,100	169,900	190,300	196,100	213,700
Other agencies:								
Advisory Commission on .....								
Intergovernmental Relations .....	2,033	2,110	2,088	2,375	2,051	1,893	1,769	1,130
Appalachian Regional Commission ..	300	247	400	200	167	125	200	767
Consumer Product Safety Comm .....	56	320	1,076	1,367	1,073	580	146	486
Environmental Protection Agency .....	243,379	174,597	171,961	214,628	217,781	277,201	267,919	273,346
Federal Communications Comm .....	1,244	1,332	945	1,170	901	985	1,224	1,101
Federal Emergency Management .....								
Agency, total .....	9,212	3,319	6,079	2,870	0	0	0	0
Federal Trade Commission .....	1,188	1,364	1,558	1,734	1,827	520	428	379
General Services Administration <sup>5</sup> .....	537	235	442	405	896	1,568	2,301	540
International Development .....								
Cooperation Agency .....	127,904	156,675	166,960	159,830	184,947	154,019	135,105	219,072
Agency for Internat'l Dvlpmnt .....	127,904	156,675	166,960	159,830	184,947	154,019	135,105	219,072
Library of Congress .....	860	1,337	2,110	2,110	1,552	1,512	1,581	1,567

See explanatory information, if any, and SOURCE at end of table.

**Table 16A. Federal obligations for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 3 of 3

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Nat'l Aeronautics & Space Admin .....	1,407,140	1,544,820	1,709,200	1,783,600	2,069,000	2,269,247	2,331,575	2,878,810
Nat'l Archives & Records Admin <sup>5</sup> .....	NA	NA	NA	201	0	726	501	155
National Science Foundation .....	973,165	1,061,990	1,202,820	1,345,583	1,353,335	1,470,505	1,532,773	1,670,396
Nuclear Regulatory Commission .....	220,287	207,295	190,675	149,959	123,785	122,468	108,480	114,815
Office of Thrift Supervision <sup>6</sup> .....	2,701	3,038	2,644	2,790	3,281	3,364	3,409	4,051
Smithsonian Institution .....	52,357	55,960	63,613	71,063	63,273	71,508	75,096	80,152
Tennessee Valley Authority .....	12,700	12,300	14,283	14,352	17,773	17,677	18,462	14,570
United States Arms Control & Disarmament Agency .....	1,271	839	1,184	1,062	865	377	781	1,223
United States Information Agency .....	0	7	1,397	96	1,571	0	100	0
US Internat'l Trade Commission .....	3,764	4,672	5,015	5,756	6,916	7,213	8,077	8,671

<sup>1</sup> Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

<sup>2</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>3</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

<sup>4</sup> In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations & Cooperative Programs.

<sup>5</sup> As of 1985 the National Archives & Records Administration is separate from the General Services Administration.

<sup>6</sup> In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 16B. Federal obligations for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	21,622,364	23,968,377	24,490,598	26,890,497	27,440,352	28,573,434	28,577,767	29,173,536
Departments:								
Department of Agriculture, total .....	1,061,286	1,175,465	1,260,996	1,251,725	1,322,188	1,299,552	1,272,091	1,286,264
Agricultural Cooperative Svc .....	2,721	2,814	3,444	2,902	3,734	NA	NA	NA
Agricultural Marketing Service .....	2,240	3,716	4,144	4,118	4,231	4,180	4,237	4,271
Agricultural Research Service <sup>1</sup> .....	512,261	550,799	583,200	574,341	624,378	628,608	626,394	640,888
Cooperative State Research, Education, & Extension Svc <sup>2</sup> .....	324,243	376,809	418,193	418,642	428,995	417,712	406,163	402,172
Economic Research Service .....	50,534	54,370	58,873	58,925	55,219	53,827	53,131	54,947
Foreign Agricultural Service <sup>3</sup> .....	0	0	0	0	775	457	1,422	1,422
Forest Service .....	153,800	170,200	175,800	177,200	189,800	187,704	172,660	174,393
Grain Inspection Packers & Stockyards Administration <sup>4</sup> .....	222	650	1,505	1,773	1,791	1,484	2,797	2,830
Human Nutrition Information Service <sup>1</sup> .....	9,031	9,899	10,703	8,397	6,992	NA	NA	NA
National Agricultural Statistics Service .....	2,786	3,244	3,589	3,882	3,861	4,019	3,887	3,941
Office of International Cooperation & Development <sup>3</sup> .....	3,448	2,964	1,545	1,545	0	NA	NA	NA
Rural Business-Cooperative Service <sup>5</sup> .....	NA	NA	NA	NA	2,412	1,561	1,400	1,400
Department of Commerce, total .....	376,994	449,706	595,909	582,075	718,280	892,318	898,041	868,560
Bureau of the Census .....	4,865	4,766	3,380	3,303	2,842	2,930	2,871	2,871
Economic Development Admin .....	1,188	1,381	500	0	605	521	500	1,500
Nat'l Inst of Standards & Tech .....	111,755	124,349	149,393	172,874	207,298	372,091	409,012	366,301
National Oceanic & Atmospheric Administration .....	252,408	315,635	438,675	401,731	502,698	510,362	481,151	493,143
National Telecommunications & Information Administration .....	6,778	3,575	3,961	4,167	4,837	6,383	4,479	4,745
Office of the Secretary .....	0	0	0	0	0	31	28	0
Department of Defense, total .....	3,529,229	3,717,908	4,073,406	4,783,484	4,262,208	4,333,934	3,948,430	3,861,536
Department of the Army, total .....	780,237	860,504	932,739	1,018,574	852,574	852,063	649,059	672,084
Department of the Army, Civil Functions <sup>6</sup> .....	20,804	25,504	33,739	29,788	30,987	33,754	17,617	21,705
Department of the Army, Military Functions .....	759,433	835,000	899,000	988,786	821,587	818,309	631,442	650,379
Department of the Navy .....	807,594	874,000	892,830	996,106	847,127	879,952	941,521	853,725
Dept of the Air Force .....	776,344	830,400	790,500	887,817	814,301	834,459	881,924	872,575
Defense Agencies .....	1,165,054	1,153,004	1,457,337	1,880,987	1,748,206	1,767,460	1,475,926	1,463,152
Department of Education .....	130,252	131,666	126,972	133,595	136,754	138,352	141,623	142,710
Department of Energy .....	2,570,483	3,273,630	3,412,535	3,440,214	3,282,466	3,459,934	3,299,377	3,575,140
Dept of Hlth & Human Svcs, total .....	7,467,093	8,162,487	7,945,519	9,192,613	9,736,441	10,075,950	10,524,585	10,768,129
Administration on Aging <sup>7</sup> .....	NA	2,854	2,459	2,676	3,500	3,000	171	0
Administration for Children & Families <sup>8</sup> <sup>7</sup> .....	NA	13,500	34,347	18,548	10,436	11,200	8,300	17,522
Agency for Health Care Policy & Research <sup>9</sup> .....	44,200	93,041	97,821	105,616	142,036	124,000	59,000	77,000
Alcohol, Drug Abuse, & Mental Health Administration <sup>10</sup> .....	801,198	922,973	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	95,600	113,372	146,900	162,511	206,800	317,385	323,181	361,181
Food & Drug Administration .....	99,000	125,020	135,700	154,500	169,433	170,462	170,462	170,462
Health Care Financing Admin .....	49,111	69,075	75,491	68,179	79,959	74,537	54,500	55,310
Health Resources & Svcs Admin .....	11,856	11,040	10,125	9,598	10,581	12,211	11,763	11,668
Human Development Services <sup>7</sup> .....	7,728	NA	NA	NA	NA	NA	NA	NA
Nat'l Institutes of Health <sup>10</sup> .....	6,335,800	6,783,011	7,398,728	8,638,503	9,079,728	9,333,602	9,888,208	10,065,986
Office of the Assistant Secretary for Health <sup>9</sup> .....	5,844	9,614	5,971	0	0	0	0	0
Office of the Secretary .....	4,966	8,811	4,977	8,002	11,741	9,121	9,000	9,000
Social Security Admin <sup>11</sup> .....	11,790	10,176	33,000	24,480	22,227	20,432	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table 16B. Federal obligations for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 2 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Dept of Housing & Urban Dvlpmt .....	6,595	9,391	8,807	8,057	13,713	14,180	12,162	16,690
Department of the Interior, total .....	475,214	553,396	570,595	580,080	650,150	532,436	539,603	546,105
Bureau of Land Management .....	2,100	5,942	5,940	8,002	0	0	0	0
Bureau of Mines .....	89,912	98,992	102,910	104,968	95,374	0	NA	NA
Bureau of Reclamation .....	5,326	7,800	10,700	7,434	5,545	5,997	4,523	5,730
Geological Survey <sup>12</sup> .....	293,248	338,361	344,478	343,870	355,370	347,897	494,529	498,959
Minerals Management Service .....	1,855	2,686	3,815	5,776	20,568	20,010	20,774	20,579
National Biological Svc <sup>13 12</sup> .....	NA	NA	NA	0	149,049	138,810	NA	NA
National Park Service <sup>13</sup> .....	20,087	27,474	31,098	38,145	24,244	19,722	19,777	20,837
Office of the Secretary .....	0	100	200	200	0	0	0	0
Office of Surface Mining Reclamation & Enforcement .....	686	1,041	254	497	0	0	0	0
US Fish & Wildlife Svc <sup>13</sup> .....	62,000	71,000	71,200	71,188	0	0	0	0
Department of Justice, total .....	19,871	21,075	20,343	25,582	25,855	25,828	27,219	35,211
Bureau of Prisons <sup>14</sup> .....	1,800	1,900	2,500	2,500	2,100	3,249	1,900	1,900
Drug Enforcement Admin .....	354	900	100	15	72	0	45	50
Immigration & Naturalization Service .....	400	400	400	400	400	400	400	400
Office of Justice Programs .....	17,317	17,875	17,343	22,667	23,283	22,179	24,874	32,861
Department of Labor, total .....	21,633	24,327	23,814	18,957	19,569	28,248	24,687	23,770
Bureau of Labor Statistics .....	7,300	7,500	7,600	6,900	7,100	13,100	13,300	12,600
Employment Standards Admin .....	53	0	0	0	0	0	0	0
Employment & Training Admin .....	6,006	6,600	5,640	3,459	3,093	4,206	3,023	2,375
Occupational Safety & Health Administration .....	2,526	2,603	3,094	2,458	3,310	4,370	3,175	3,495
Office of the Secretary .....	3,338	4,729	4,118	2,850	3,090	2,872	2,871	2,918
Pension Benefit Guaranty Corp .....	300	355	812	680	301	102	53	54
Pension & Welfare Benefits Administration .....	2,110	2,540	2,550	2,610	2,675	3,598	2,265	2,328
Department of State <sup>15</sup> .....	4,692	5,854	5,554	5,285	8,238	5,010	4,250	4,250
Dept of Transportation, total .....	119,175	114,624	156,870	226,061	273,387	370,746	333,972	394,311
Coast Guard .....	5,058	6,384	5,014	8,233	5,582	4,930	5,010	4,944
Federal Aviation Admin .....	26,125	23,963	30,108	59,807	79,473	83,291	60,373	67,570
Federal Highway Administration .....	57,647	46,056	73,212	91,708	134,192	203,148	198,126	235,356
Federal Railroad Admin .....	8,464	13,193	18,859	20,876	16,050	22,545	19,913	23,495
Federal Transit Admin <sup>16</sup> .....	0	0	0	10,946	7,812	10,866	5,515	5,802
Maritime Administration .....	900	1,713	1,751	1,741	1,744	2,450	0	2,006
National Highway Traffic Safety Administration .....	16,930	21,368	25,774	31,611	25,315	39,707	38,185	45,663
Office of the Secretary .....	1,670	586	740	645	570	590	0	0
Rsch & Special Programs Admin .....	2,381	1,361	1,412	494	2,649	3,219	6,850	9,475
Department of the Treasury, total .....	18,706	24,136	20,821	11,120	9,182	48,928	50,262	53,901
Bureau of Engraving & Printing .....	1,364	2,719	1,766	3,235	1,628	1,324	1,276	1,173
Internal Revenue Service <sup>17 18</sup> .....	16,464	17,521	17,521	6,497	6,134	45,797	47,196	50,830
Office of Thrift Supervision <sup>19</sup> .....	NA	2,990	815	738	481	550	546	583
United States Customs Service .....	400	500	190	100	480	710	660	700
United States Secret Service <sup>20</sup> .....	478	406	529	550	459	547	584	615
Department of Veterans Affairs .....	215,600	193,800	200,900	207,418	223,479	218,806	253,813	236,174
Other agencies:								
Advisory Commission on Intergovernmental Relations .....	1,513	1,663	1,730	2,098	1,355	1,413	1,402	0
Appalachian Regional Commission .....	401	742	1,900	900	900	900	900	900
Consumer Product Safety Comm .....	440	883	788	795	130	0	0	0
Environmental Protection Agency .....	315,242	353,139	404,300	361,534	402,322	401,627	352,170	410,553
Federal Communications Comm .....	1,329	1,442	1,648	1,625	1,683	2,268	2,819	2,749
Federal Trade Commission .....	459	957	1,285	877	705	564	981	1,034
General Services Administration .....	665	0	0	0	0	0	0	0
International Development Cooperation Agency .....	305,219	357,371	300,050	359,222	216,213	272,679	226,749	172,740
Agency for Internat'l Dvlpmt <sup>15</sup> .....	305,219	357,371	300,050	359,222	216,213	272,679	226,749	172,740
Library of Congress .....	1,461	1,704	1,772	1,787	1,900	2,106	1,827	1,886

See explanatory information, if any, and SOURCE at end of table.



**Table 16B. Federal obligations for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 3 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Nat'l Aeronautics & Space Admin .....	3,060,691	3,371,162	3,229,305	3,548,728	3,840,559	4,046,089	4,281,576	4,240,540
Nat'l Archives & Records Admin .....	255	611	605	290	280	120	120	120
National Science Foundation .....	1,689,535	1,785,223	1,868,397	1,881,889	2,040,358	2,149,277	2,141,712	2,278,922
Nuclear Regulatory Commission .....	108,762	108,800	119,049	119,781	90,705	88,212	59,184	59,014
Office of Thrift Supervision <sup>19</sup> .....	4,126	NA	NA	NA	NA	NA	NA	NA
Smithsonian Institution .....	83,987	97,999	97,999	102,000	124,176	124,000	125,400	136,800
Social Security Administration <sup>11</sup> .....	NA	NA	NA	NA	NA	NA	8,292	27,698
Tennessee Valley Authority .....	21,723	18,841	24,391	27,935	25,910	26,370	31,130	14,182
United States Arms Control & Disarmament Agency <sup>21</sup> .....	218	390	2,058	1,493	1,323	1,146	545	1,000
United States Information Agency .....	450	100	0	1,125	559	289	150	136
US Internat'l Trade Commission .....	9,065	9,885	12,280	12,152	9,364	12,152	12,695	12,511

- 1 The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- 2 The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- 3 The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- 4 The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- 5 This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- 6 The Department of the Army, Civil functions (Corps of Engineers) development activities are appropriated by the Energy & Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown.
- 7 In fiscal year 1991 Human Development Services was replaced by the Administration for Children & Families (ACF) and by the Administration on Aging (AoA). Beginning in fiscal year 1992, data shown for the ACF are separate from obligations for the AoA.
- 8 Obligations reported for the Administration for Children & Families may be incomplete for fiscal year 1992 due to unavailability of data.
- 9 In fiscal year 1991 the Agency for Health Care Policy & Research became separate from the Office of the Assistant Secretary for Health.
- 10 Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- 11 As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- 12 As of FY 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- 13 The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- 14 The Bureau of Prisons was formerly listed as the Federal Prison System.
- 15 Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.
- 16 The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.
- 17 Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.
- 18 Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.
- 19 In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.
- 20 The United States Secret Service was formerly listed as the Office of Protective Research.
- 21 Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 17. Federal obligations for research, by performer:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 1

Performer	1974	1975	1976	1977	1978	1979	1980	1981
Total .....	6,175,240	6,729,708	7,619,332	8,514,115	9,606,758	10,535,005	11,597,378	12,212,780
Intramural <sup>1</sup> .....	2,270,187	2,463,780	2,879,166	2,957,666	3,220,762	3,481,232	3,666,272	4,034,199
Industrial firms excl FFRDCs .....	874,616	1,010,246	1,102,954	1,367,256	1,651,406	1,761,951	2,077,605	1,958,306
FFRDCs admin by indust firms .....	98,209	135,701	176,509	192,169	235,173	244,980	311,031	351,344
Univ & col excluding FFRDCs .....	1,958,267	2,078,766	2,249,735	2,583,507	2,928,039	3,333,375	3,699,071	3,920,144
FFRDCs administered by univ .....	373,966	425,512	548,278	670,304	714,850	800,601	851,155	940,602
Nonprofit inst excluding FFRDCs ...	414,163	394,676	435,434	512,163	590,851	622,643	678,446	705,197
FFRDCs admin by nonprofit inst ....	50,763	64,816	57,498	55,552	66,926	73,352	71,719	67,704
State and local governments .....	91,024	111,907	119,371	115,177	128,827	139,466	150,932	129,312
Foreign .....	44,045	44,304	50,387	60,321	69,924	77,405	91,147	105,972

<sup>1</sup> Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

**KEY:** FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 17A. Federal obligations for research, by performer:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 1

Performer	1982	1983	1984	1985	1986	1987	1988	1989
Total .....	13,022,185	14,253,525	14,978,773	16,133,421	16,502,199	17,940,521	18,650,145	20,765,531
Intramural <sup>1</sup> .....	4,194,205	4,710,259	4,764,680	5,056,116	5,160,343	5,437,720	5,338,381	5,896,986
Industrial firms excl FFRDCs .....	2,156,575	2,114,205	2,137,440	2,074,373	2,280,461	2,448,590	2,642,471	2,875,047
FFRDCs admin by indust firms .....	487,348	522,649	496,463	485,892	482,068	433,532	455,208	604,329
Univ & col excluding FFRDCs .....	4,045,437	4,467,944	5,029,671	5,726,267	5,883,444	6,640,210	7,022,910	7,793,146
FFRDCs administered by univ .....	1,056,701	1,250,051	1,335,922	1,421,290	1,291,695	1,471,042	1,564,827	1,703,426
Nonprofit inst excluding FFRDCs ...	743,534	836,904	922,621	1,045,125	1,062,892	1,207,496	1,299,980	1,519,835
FFRDCs admin by nonprofit inst ....	104,154	85,152	87,262	97,018	87,933	89,803	82,861	109,513
State and local governments .....	125,906	136,746	88,167	89,487	90,966	90,200	103,104	121,168
Foreign .....	108,325	129,615	116,547	137,853	162,397	121,928	140,403	142,081

<sup>1</sup> Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

**NOTE:** In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

**KEY:** FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 17B. Federal obligations for research, by performer:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 1

Performer	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total .....	21,622,364	23,968,377	24,490,598	26,890,497	27,440,352	28,573,434	28,577,767	29,173,536
Intramural <sup>1</sup> .....	5,809,836	6,454,385	6,523,260	7,451,773	7,488,166	7,787,847	7,404,277	7,696,114
Industrial firms excl FFRDCs .....	3,191,641	3,406,515	3,451,220	3,923,802	4,063,492	4,727,929	4,672,802	4,799,723
FFRDCs admin by indust firms .....	614,285	709,570	684,860	799,251	737,194	817,994	877,683	1,005,509
Univ & col excluding FFRDCs .....	8,136,530	8,867,537	9,060,674	9,892,287	10,323,496	10,371,580	10,919,863	10,823,289
FFRDCs administered by univ .....	1,791,542	2,160,921	2,351,777	2,299,421	2,181,119	2,235,646	2,085,714	2,131,096
Nonprofit inst excluding FFRDCs ...	1,660,002	1,925,885	2,049,647	2,041,313	2,094,886	2,056,107	2,100,973	2,199,887
FFRDCs admin by nonprofit inst ....	137,625	170,923	139,932	173,432	177,951	210,130	183,682	191,571
State and local governments .....	126,427	129,288	109,276	211,830	230,751	221,388	198,898	207,020
Foreign .....	154,476	143,353	119,952	97,388	143,297	144,813	133,875	119,327

<sup>1</sup> Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

**KEY:** FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 18. Federal obligations to intramural performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	2,270,187	2,463,780	2,879,166	2,957,666	3,220,762	3,481,232	3,666,272	4,034,199
Departments:								
Department of Agriculture, total .....	261,048	285,589	313,750	372,298	398,013	426,444	429,902	481,889
Agricultural Cooperative Svc .....	NA	NA	NA	NA	NA	NA	1,419	1,213
Agricultural Marketing Svc <sup>1</sup> .....	0	0	0	0	0	345	950	877
Agricultural Research Service .....	NA	NA	NA	NA	NA	NA	NA	321,276
Cooperative State Research, Education, & Extension Svc .....	NA	NA	NA	NA	NA	NA	NA	7,137
Economic Research Service .....	NA	NA	NA	NA	NA	NA	NA	37,496
Economics, Statistics, & Cooperative Service <sup>2</sup> .....	19,423	22,890	25,888	28,903	30,516	34,544	NA	NA
Economics & Statistics Svc <sup>3</sup> .....	NA	NA	NA	NA	NA	NA	29,356	NA
Forest Service .....	57,260	66,418	69,214	78,207	89,652	91,535	95,876	105,699
National Agricultural Statistics Service .....	0	0	0	NA	NA	NA	NA	6,652
Office of International Cooperation & Development .....	NA	NA	NA	NA	NA	0	707	769
Office of Transportation .....	NA	NA	NA	NA	NA	0	0	770
Science & Education Administration .....	184,365	196,281	218,648	265,188	277,845	300,020	301,594	NA
Department of Commerce, total .....	91,804	109,587	117,327	139,876	146,108	159,729	182,742	188,473
Bureau of the Census .....	567	544	1,962	1,841	2,198	1,666	1,592	2,851
Economic Development Admin .....	45	303	423	280	912	995	218	202
Maritime Administration <sup>4</sup> .....	600	642	700	989	1,144	1,775	2,025	NA
Minority Business Dvlpmt Agcy .....	108	121	101	264	0	0	0	0
National Fire Prevention & Control Administration <sup>5</sup> .....	NA	515	2,711	2,355	NA	NA	NA	NA
Nat'l Inst of Standards & Tech .....	31,303	33,638	36,872	43,620	45,141	50,836	57,037	62,924
National Oceanic & Atmospheric Administration .....	57,294	72,980	74,021	88,527	95,628	102,055	112,185	112,639
National Telecommunications & Information Administration .....	NA	NA	NA	2,000	1,085	2,400	9,625	9,857
Office of the Secretary .....	0	0	0	0	0	2	60	0
Office of Telecommunications .....	1,640	594	350	NA	NA	NA	NA	NA
Patent & Trademark Office .....	247	250	187	0	0	0	0	0
Department of Defense, total .....	709,128	653,396	717,683	760,059	752,593	839,886	850,389	1,027,016
Department of the Army, total .....	244,838	210,108	249,116	275,813	272,946	294,164	307,917	327,585
Department of the Army, Civil Functions .....	4,595	4,730	9,092	13,504	12,469	13,875	14,969	15,487
Department of the Army, Military Functions .....	240,243	205,378	240,024	262,309	260,477	280,289	292,948	312,098
Department of the Navy .....	262,036	254,974	277,682	291,335	285,792	340,437	265,810	374,981
Dept of the Air Force .....	115,620	109,526	107,628	100,175	97,062	114,606	156,839	188,357
Defense Agencies .....	86,363	78,538	83,152	92,628	95,120	90,679	119,823	136,093
Defense Civil Preparedness Agency <sup>6</sup> .....	271	250	105	108	1,673	NA	NA	NA
Department of Education .....	NA	NA	NA	NA	NA	9,556	2,406	0
Department of Energy <sup>7</sup> .....	NA	NA	NA	26,641	42,910	53,304	80,771	76,803
Department of Health, Education, & Welfare, total .....	360,107	406,821	440,513	503,983	622,796	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	25,889	23,232	24,273	28,508	51,278	NA	NA	NA
Center for Disease Control .....	22,859	27,875	34,471	38,994	42,618	NA	NA	NA
Food & Drug Administration .....	19,144	23,111	22,810	25,295	41,093	NA	NA	NA
Health Care Financing Admin .....	NA	NA	NA	7,960	5,238	NA	NA	NA
Health Resources Admin .....	786	7,008	7,581	296	200	NA	NA	NA
Health Services Administration .....	3,510	3,255	3,868	3,783	3,831	NA	NA	NA
National Inst of Education .....	1,644	1,737	1,957	5,386	5,750	NA	NA	NA
National Institutes of Health .....	261,471	298,440	332,821	373,644	446,637	NA	NA	NA
Office of Assistant Secretary for Education .....	0	75	75	75	138	NA	NA	NA
Office of Assistant Secretary for Health .....	0	0	0	7,679	9,960	NA	NA	NA
Office of Education .....	137	73	136	563	611	NA	NA	NA
Office of Human Dvlpmt Svcs .....	1,207	385	2,563	2,566	2,881	NA	NA	NA
Office of the Secretary .....	3,824	2,629	2,500	1,239	2,715	NA	NA	NA
Social & Rehabilitation Svc .....	520	514	514	NA	NA	NA	NA	NA
Social Security Administration .....	19,116	18,487	6,944	7,995	9,846	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table 18. Federal obligations to intramural performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 2 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	681,906	748,950	791,312
Alcohol, Drug Abuse, & Mental Health Administration .....	NA	NA	NA	NA	NA	56,745	63,306	79,039
Centers for Disease Control & Prevention .....	NA	NA	NA	NA	NA	55,964	66,693	52,777
Food & Drug Administration .....	NA	NA	NA	NA	NA	44,068	59,824	57,857
Health Care Financing Admin .....	NA	NA	NA	NA	NA	3,682	5,750	3,185
Health Resources Admin .....	NA	NA	NA	NA	NA	150	154	88
Health Services Administration .....	NA	NA	NA	NA	NA	5,040	4,039	5,978
Human Development Services .....	NA	NA	NA	NA	NA	1,472	1,223	2,530
National Institutes of Health .....	NA	NA	NA	NA	NA	487,427	521,346	566,035
Office of the Assistant Secretary for Health .....	NA	NA	NA	NA	NA	8,742	9,857	10,697
Office of the Secretary .....	NA	NA	NA	NA	NA	3,276	2,044	1,920
Social Security Administration .....	NA	NA	NA	NA	NA	15,340	14,714	11,206
Dept of Housing & Urban Dvlpmt .....	7,546	10,380	11,106	14,365	10,901	14,680	11,986	15,485
Department of the Interior, total .....	105,587	147,626	172,118	189,957	199,713	219,753	219,445	246,998
Bonneville Power Admin .....	54	99	125	0	0	0	0	1,807
Bureau of Land Management .....	341	323	235	489	467	580	584	770
Bureau of Mines .....	22,658	21,600	40,239	44,322	43,800	41,700	47,700	38,000
Bureau of Reclamation .....	3,637	4,199	4,867	4,899	5,686	5,279	5,838	7,434
Geological Survey .....	63,698	100,476	106,249	112,563	123,432	133,614	129,753	155,464
Heritage Conservation & Recreation Service .....	20	20	20	20	NA	NA	NA	NA
National Park Service .....	489	3,538	4,767	4,582	3,512	5,898	5,995	7,160
Office of the Secretary .....	0	215	395	1,459	1,048	848	930	615
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	0	198	1,434	666	1,563
Office of Water Rsch & Tech .....	1,025	1,844	1,610	933	1,000	1,810	1,200	2,170
US Fish & Wildlife Svc .....	13,665	15,312	13,611	20,690	20,570	28,590	26,779	32,015
Department of Justice, total .....	1,686	1,487	2,779	2,256	3,036	2,948	1,109	1,471
Bureau of Prisons .....	0	0	0	42	210	4	57	457
Drug Enforcement Admin .....	86	50	100	400	100	100	100	100
Immigration & Naturalization Service .....	0	2	1	6	158	18	56	47
Office of Justice Programs .....	1,600	1,435	2,678	1,808	2,487	2,808	726	767
Office of Legal Policy .....	0	0	0	0	81	18	170	100
Department of Labor, total .....	4,879	6,660	9,170	8,801	6,514	15,916	9,981	34,910
Bureau of Labor Statistics .....	643	733	776	896	722	855	860	251
Employment Standards Admin .....	891	3,240	4,268	4,371	3,026	3,455	3,900	2,720
Employment & Training Admin .....	2,098	1,526	2,539	2,230	1,124	8,110	2,187	29,753
Labor-Management Svcs Admin .....	502	451	474	992	1,006	1,725	1,312	1,053
Occupational Safety & Health Administration .....	305	212	300	141	200	406	607	20
Office of the Secretary .....	440	498	813	171	436	1,365	1,115	1,100
Pension Benefit Guaranty Corp .....	NA	NA	NA	NA	NA	NA	NA	13
Department of State, total <sup>8</sup> .....	3,183	2,882	5,316	7,079	3,378	894	771	1,015
Agency for Internat'l Dvlpmt <sup>8</sup> .....	2,980	2,651	5,099	6,017	2,990	NA	NA	NA
Departmental Funds .....	203	231	217	1,062	388	894	771	1,015
Dept of Transportation, total .....	15,854	15,774	10,819	16,319	21,790	21,721	28,651	29,228
Coast Guard .....	1,424	1,285	1,187	737	701	3,000	2,800	5,509
Federal Aviation Admin .....	2,993	3,008	641	1,050	1,519	1,650	1,804	1,804
Federal Highway Administration .....	515	400	188	1,024	1,607	1,210	1,173	1,224
Federal Railroad Admin .....	1,170	2,084	6,703	5,140	7,165	5,840	6,085	4,774
Federal Transit Administration .....	1,674	1,368	283	600	600	600	2,201	3,132
Maritime Administration <sup>4</sup> .....	NA	NA	NA	NA	NA	NA	NA	250
National Highway Traffic Safety Administration .....	894	765	272	6,195	8,667	6,306	11,817	8,767
Office of the Secretary .....	7,184	6,864	1,545	1,573	1,431	215	210	385
Rsch & Special Programs Admin .....	NA	NA	NA	0	100	2,900	2,561	3,383
Department of the Treasury, total .....	457	400	1,474	1,790	3,076	2,212	4,504	3,614
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	90	50	60	80	50
Bureau of Engraving & Printing .....	457	400	1,474	1,700	1,501	577	1,100	832
Internal Revenue Service .....	0	0	0	0	1,525	1,575	3,224	2,722
United States Customs Service .....	0	0	0	0	0	0	100	10
Department of Veterans Affairs .....	78,469	86,691	85,127	89,832	98,184	110,611	117,478	127,500

See explanatory information, if any, and SOURCE at end of table.

**Table 18. Federal obligations to intramural performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 3 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Other agencies:								
ACTION .....	81	22	15	29	14	0	0	0
Advisory Commission on Intergovernmental Relations .....	1,135	1,238	1,026	1,526	1,685	1,696	2,219	2,211
Appalachian Regional Commission .....	NA	NA	20	108	17	50	50	10
Civil Service Commission .....	1,252	1,531	1,127	1,085	NA	NA	NA	NA
Community Services Admin .....	50	23	0	10	20	20	25	40
Consumer Product Safety Comm .....	2,350	1,221	1,595	2,092	414	882	672	100
Energy Research & Dvlpmt Admin <sup>7</sup> .....	15,954	24,742	21,522	NA	NA	NA	NA	NA
Environmental Protection Agency .....	26,291	64,303	77,985	84,005	114,634	119,360	106,314	107,436
Federal Communications Comm .....	766	803	986	1,691	1,775	1,397	2,196	1,142
Federal Emergency Management Agency, total <sup>6</sup> .....	NA	NA	NA	NA	2,725	3,229	3,644	2,900
National Fire Prevention & Control Administration <sup>5</sup> .....	NA	NA	NA	NA	2,725	0	0	0
Federal Energy Administration .....	0	39	295	NA	NA	NA	NA	NA
Federal Trade Commission .....	932	934	850	1,111	1,356	1,521	3,021	1,100
Foundation for Educational Assistance .....	NA	NA	NA	NA	NA	NA	NA	7,411
General Services Administration .....	55	70	90	48	1,349	15	1	239
International Development Cooperation Agency <sup>8</sup> .....	NA	NA	NA	NA	NA	6,458	5,316	5,172
Agency for Internat'l Dvlpmt <sup>8</sup> .....	NA	NA	NA	NA	NA	6,458	5,316	5,172
Interstate Commerce Commission .....	0	0	123	64	250	150	143	0
Library of Congress .....	358	388	427	400	500	600	600	900
Nat'l Aeronautics & Space Admin .....	498,945	556,393	780,343	602,100	645,127	661,380	710,213	691,988
National Science Foundation .....	52,994	48,453	64,047	79,503	83,329	63,082	75,049	106,052
Nuclear Regulatory Commission .....	145	4,207	7,430	9,358	11,222	9,679	14,096	25,114
Office of Personnel Management .....	NA	NA	NA	NA	987	1,354	2,211	2,488
Off of Telecommunications Policy .....	25	1,901	1,300	NA	NA	NA	NA	NA
Office of Thrift Supervision .....	631	659	748	1,482	931	863	1,227	949
Small Business Administration .....	0	16	5	332	0	0	0	0
Smithsonian Institution .....	22,728	23,244	24,679	27,293	31,996	33,685	36,557	41,159
Special Action Office for Drug Abuse Prevention .....	248	102	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority .....	5,259	5,899	5,688	9,429	9,773	12,312	10,600	8,332
United States Arms Control & Disarmament Agency .....	139	215	84	30	434	460	885	150
United States Information Agcy <sup>9</sup> .....	101	84	99	65	93	62	80	195
US Internat'l Trade Commission .....	0	0	1,500	2,649	3,119	3,417	2,068	3,397

<sup>1</sup> Although the Agricultural Marketing Service was established in April 1972, fiscal year 1979 was the first year in which Congress appropriated funds to this agency.

<sup>2</sup> Data reported for the Economics, Statistics, & Cooperative Service include programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79.

<sup>3</sup> Data reported for the Economics & Statistics Service include programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980.

<sup>4</sup> In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

<sup>5</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

<sup>6</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

<sup>7</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>8</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>9</sup> Data reported for the United States Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 18A. Federal obligations to intramural performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 3

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	4,194,205	4,710,259	4,764,680	5,056,116	5,160,343	5,437,720	5,338,381	5,896,986
Departments:								
Department of Agriculture, total .....	502,960	531,813	559,602	597,585	598,767	621,064	663,112	654,903
Agricultural Cooperative Svc .....	1,450	1,752	1,601	2,244	2,143	2,430	2,451	2,598
Agricultural Marketing Svc <sup>1</sup> .....	943	802	1,012	997	1,162	1,064	931	1,147
Agricultural Research Service .....	345,547	377,852	396,668	419,434	421,470	440,421	466,190	461,005
Animal & Plant Health Inspection Service .....	0	0	0	0	3,730	4,460	5,354	6,788
Cooperative State Research, Education, & Extension Svc .....	7,692	6,900	8,899	14,301	13,070	10,734	13,829	14,225
Economic Research Service .....	37,776	36,226	41,275	43,554	42,477	43,271	45,775	47,819
Forest Service .....	96,796	94,546	97,433	102,341	99,679	108,310	117,026	111,467
Grain Inspection Packers & Stockyards Administration .....	0	0	0	358	469	440	508	453
Human Nutrition Information Svc .....	4,100	5,100	3,344	4,268	5,103	5,075	5,716	5,658
National Agricultural Statistics Service .....	6,584	6,888	7,562	7,753	7,524	3,124	3,401	2,621
Office of International Cooperation & Development .....	1,271	983	903	1,355	1,100	912	990	1,122
Office of Transportation .....	801	764	905	980	840	823	941	NA
Department of Commerce, total .....	198,019	214,629	221,664	245,744	256,615	285,898	291,087	298,378
Bureau of the Census .....	1,721	2,132	2,201	2,330	2,348	2,276	2,695	2,013
Economic Development Admin .....	171	1,080	400	100	300	248	260	115
Nat'l Inst of Standards & Tech .....	71,482	76,453	78,758	81,511	83,751	83,808	93,755	97,791
National Oceanic & Atmospheric Administration .....	114,543	128,057	132,580	154,122	162,594	192,521	187,079	191,596
National Telecommunications & Information Administration .....	10,100	6,906	7,724	7,667	7,592	7,044	7,298	6,863
Office of the Secretary .....	2	1	1	14	30	1	0	0
Department of Defense, total .....	1,059,751	1,261,416	1,263,310	1,304,894	1,285,001	1,304,674	1,170,976	1,359,708
Department of the Army, total .....	390,721	428,739	429,125	477,305	462,978	534,325	465,300	521,069
Department of the Army, Civil Functions .....	14,896	14,802	14,578	17,052	17,351	15,710	17,144	19,288
Department of the Army, Military Functions .....	375,825	413,937	414,547	460,253	445,627	518,615	448,156	501,781
Department of the Navy .....	286,924	403,501	396,547	373,651	431,006	418,217	351,422	377,277
Dept of the Air Force .....	178,081	184,007	204,367	212,037	200,250	201,389	201,754	241,205
Defense Agencies .....	204,025	245,169	233,271	241,901	190,767	150,743	152,500	220,157
Department of Education .....	9,779	7,444	6,597	6,235	5,853	5,961	10,049	12,716
Department of Energy <sup>2</sup> .....	67,762	126,520	96,556	133,628	127,752	145,700	134,589	141,130
Dept of Hlth & Human Svcs, total .....	881,603	966,501	982,350	1,054,310	1,149,250	1,184,420	1,281,284	1,295,569
Alcohol, Drug Abuse, & Mental Health Administration .....	88,106	124,915	121,803	139,877	136,399	144,015	147,862	171,776
Centers for Disease Control & Prevention .....	54,219	51,436	16,238	35,544	41,964	46,101	60,782	72,236
Food & Drug Administration .....	64,579	67,070	70,286	76,444	74,563	78,940	83,789	91,789
Health Care Financing Admin .....	1,518	1,065	3,109	738	1,372	379	222	975
Health Resources & Svcs Admin .....	1,200	1,948	2,544	2,123	2,887	2,773	2,682	2,744
Human Development Services .....	1,127	990	853	1,121	2,063	1,792	615	579
National Institutes of Health .....	648,927	704,543	749,227	785,603	878,695	897,753	969,835	942,434
Office of the Assistant Secretary for Health .....	7,021	6,305	9,708	9,318	7,608	8,202	10,545	8,461
Office of the Secretary .....	2,466	2,116	1,432	886	899	1,665	1,352	1,294
Social Security Administration .....	12,440	6,113	7,150	2,656	2,800	2,800	3,600	3,281
Dept of Housing & Urban Dvlpmt .....	9,073	1,005	4,615	2,767	2,708	3,637	4,988	5,148

See explanatory information, if any, and SOURCE at end of table.



**Table 18A. Federal obligations to intramural performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 2 of 3

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Department of the Interior, total .....	239,495	255,017	309,206	322,799	319,910	340,347	341,559	380,303
Bureau of Land Management .....	680	1,820	1,700	1,600	1,500	1,600	2,000	1,800
Bureau of Mines .....	53,072	52,039	68,623	72,940	66,397	73,349	63,320	65,232
Bureau of Reclamation .....	6,137	6,983	6,008	7,198	5,800	7,770	3,473	3,060
Geological Survey <sup>3</sup> .....	139,357	144,824	188,738	194,256	191,103	198,674	207,333	244,833
Minerals Management Service .....	0	335	335	550	415	137	531	1,297
National Park Service .....	9,358	10,554	9,803	10,716	14,371	14,000	13,800	14,280
Office of the Secretary .....	44	52	9	187	96	0	5	0
Office of Surface Mining .....								
Reclamation & Enforcement .....	994	465	410	448	828	117	297	1
Office of Water Rsch & Tech <sup>3</sup> .....	1,791	519	1,019	NA	NA	NA	NA	NA
US Fish & Wildlife Svc .....	28,062	37,426	32,561	34,904	39,400	44,700	50,800	49,800
Department of Justice, total .....	1,331	984	1,426	1,160	1,917	3,170	2,744	2,698
Bureau of Prisons .....	475	490	490	490	1,090	1,150	1,210	1,678
Drug Enforcement Admin .....	400	300	200	300	300	200	200	200
Immigration & Naturalization .....								
Service .....	50	40	30	20	20	20	40	40
Office of Justice Programs .....	402	152	706	50	365	1,700	1,294	780
Office of Legal Policy .....	4	2	0	300	142	100	0	0
Department of Labor, total .....	5,746	5,439	5,483	3,416	3,700	12,428	8,620	4,872
Bureau of Labor Statistics .....	291	665	547	621	634	6,522	2,599	1,200
Employment Standards Admin .....	1,170	800	840	2	0	300	60	118
Employment & Training Admin .....	1,654	1,120	1,160	207	1,123	3,326	640	716
Labor-Management Relations & .....								
Cooperative Programs <sup>4</sup> .....	NA	NA	18	16	10	10	10	10
Labor-Management Svcs Admin <sup>4</sup> ..	715	882	NA	NA	NA	NA	NA	NA
Occupational Safety & Health .....								
Administration .....	961	426	400	400	400	400	400	315
Office of the Secretary .....	900	1,525	1,900	1,533	1,248	1,557	4,161	1,839
Pension Benefit Guaranty Corp .....	55	21	30	20	10	30	30	300
Pension & Welfare Benefits .....								
Administration .....	NA	NA	588	617	275	283	720	374
Department of State .....	800	812	925	1,166	1,140	218	241	306
Dept of Transportation, total .....	18,780	17,626	44,166	25,014	23,742	23,233	26,318	43,738
Coast Guard .....	896	669	5,840	3,540	2,282	2,564	3,772	2,722
Federal Aviation Admin .....	1,540	2,814	6,141	5,931	4,991	3,803	9,361	21,780
Federal Highway Administration .....	890	500	300	200	737	1,914	40	2,174
Federal Railroad Admin .....	2,418	1,564	9,814	4,323	5,636	3,995	3,247	3,819
Federal Transit Administration .....	3,813	3,930	300	120	0	0	0	0
Maritime Administration .....	900	330	2,601	1,320	1,167	949	39	0
National Highway Traffic Safety .....								
Administration .....	6,580	6,549	17,820	8,812	8,317	9,383	8,879	12,123
Office of the Secretary .....	143	20	200	268	362	400	580	420
Rsch & Special Programs Admin ..	1,600	1,250	1,150	500	250	225	400	700
Department of the Treasury, total .....	6,531	7,605	7,670	12,898	12,323	11,340	10,920	11,545
Bureau of Engraving & Printing .....	1,637	1,580	1,808	2,147	2,097	1,134	898	1,204
Internal Revenue Service .....	4,846	5,993	5,837	10,721	9,981	9,995	9,842	10,155
United States Customs Service .....	48	0	10	13	10	10	50	60
United States Secret Service .....	0	32	15	17	235	201	130	126
Department of Veterans Affairs .....	122,010	143,962	171,038	208,070	168,592	189,076	194,800	212,335
Other agencies:								
Advisory Commission on .....								
Intergovernmental Relations .....	2,033	2,110	2,088	2,375	2,051	1,893	1,769	1,130
Appalachian Regional Commission ..	50	15	50	50	8	10	10	767
Consumer Product Safety Comm .....	56	320	1,076	1,344	1,073	410	146	281
Environmental Protection Agency .....	93,877	69,671	68,242	69,799	64,797	61,047	70,584	91,539
Federal Communications Comm .....	1,147	1,270	895	1,085	861	985	1,224	1,101
Federal Emergency Management .....								
Agency, total .....	3,789	1,183	800	373	0	0	0	0
Federal Trade Commission .....	1,188	1,364	1,558	1,734	1,827	520	428	379
General Services Administration <sup>5</sup> .....	537	235	329	339	641	1,452	2,240	540
International Development .....								
Cooperation Agency .....	7,160	11,056	3,674	2,549	1,254	1,306	1,637	6,305
Agency for Internat'l Dvlpmt .....	7,160	11,056	3,674	2,549	1,254	1,306	1,637	6,305
Library of Congress .....	860	1,337	2,110	2,110	1,552	1,512	1,581	1,567

See explanatory information, if any, and SOURCE at end of table.

**Table 18A. Federal obligations to intramural performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 3 of 3

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Nat'l Aeronautics & Space Admin .....	751,841	852,941	767,428	800,653	891,621	970,095	830,551	1,074,666
Nat'l Archives & Records Admin <sup>5</sup> .....	NA	NA	NA	201	0	726	371	155
National Science Foundation .....	118,249	130,756	135,848	142,513	129,922	143,319	161,993	165,746
Nuclear Regulatory Commission .....	20,914	23,358	22,909	19,810	18,902	25,910	22,336	22,915
Office of Thrift Supervision <sup>6</sup> .....	2,588	2,792	2,516	2,778	3,281	3,364	3,286	3,856
Smithsonian Institution .....	52,357	55,960	63,613	71,063	63,273	71,508	75,096	80,152
Tennessee Valley Authority .....	9,966	10,400	11,758	11,865	14,983	15,279	15,759	13,665
United States Arms Control & Disarmament Agency .....	189	45	138	27	40	5	5	202
United States Information Agency .....	0	1	25	6	71	0	1	0
US Internat'l Trade Commission .....	3,764	4,672	5,015	5,756	6,916	7,213	8,077	8,671

<sup>1</sup> Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

<sup>2</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>3</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

<sup>4</sup> In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations & Cooperative Programs.

<sup>5</sup> As of 1985 the National Archives & Records Administration is separate from the General Services Administration.

<sup>6</sup> In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 18B. Federal obligations to intramural performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	5,809,836	6,454,385	6,523,260	7,451,773	7,488,166	7,787,847	7,404,277	7,696,114
Departments:								
Department of Agriculture, total .....	692,991	765,592	798,541	795,725	857,756	839,448	822,054	844,144
Agricultural Cooperative Svc .....	2,498	2,812	3,110	2,605	3,462	NA	NA	NA
Agricultural Marketing Service .....	2,037	2,131	3,974	3,915	3,958	3,699	4,237	4,271
Agricultural Research Service <sup>1</sup> .....	474,598	524,490	553,557	545,633	593,198	596,975	591,885	609,793
Cooperative State Research, Education, & Extension Svc <sup>2</sup> .....	14,569	18,298	20,726	22,231	23,688	19,034	18,824	19,336
Economic Research Service .....	49,246	52,612	56,654	57,077	52,723	50,644	51,249	53,065
Foreign Agricultural Service <sup>3</sup> .....	0	0	0	0	580	343	1,067	1,067
Forest Service .....	140,581	151,450	146,180	150,221	168,275	161,869	146,828	148,561
Grain Inspection Packers & Stockyards Administration <sup>4</sup> .....	104	377	1,178	1,773	1,791	1,484	2,797	2,830
Human Nutrition Information Service <sup>1</sup> .....	5,800	9,341	8,552	7,281	3,923	NA	NA	NA
National Agricultural Statistics Service .....	2,545	2,979	3,451	3,604	3,746	3,844	3,767	3,821
Office of International Cooperation & Development <sup>3</sup> .....	1,013	1,102	1,159	1,385	0	NA	NA	NA
Rural Business-Cooperative Service <sup>5</sup> .....	NA	NA	NA	NA	2,412	1,556	1,400	1,400
Department of Commerce, total .....	312,928	372,080	481,147	462,861	541,269	592,908	615,475	639,000
Bureau of the Census .....	2,278	2,558	2,723	3,303	2,842	2,930	2,871	2,871
Economic Development Admin .....	764	762	196	0	48	10	10	30
Nat'l Inst of Standards & Tech .....	103,623	113,115	122,951	141,034	165,620	188,967	196,755	201,499
National Oceanic & Atmospheric Administration .....	199,485	252,070	351,316	314,357	367,922	394,617	411,359	429,855
National Telecommunications & Information Administration .....	6,778	3,575	3,961	4,167	4,837	6,383	4,479	4,745
Office of the Secretary .....	0	0	0	0	0	1	1	0
Department of Defense, total .....	1,209,065	1,403,736	1,510,095	1,650,788	1,555,945	1,563,632	1,402,031	1,365,977
Department of the Army, total .....	480,207	549,791	593,125	622,835	575,917	543,061	397,420	413,975
Department of the Army, Civil Functions <sup>6</sup> .....	17,892	21,933	29,016	25,617	26,649	29,029	15,722	18,666
Department of the Army, Military Functions .....	462,315	527,858	564,109	597,218	549,268	514,032	381,698	395,309
Department of the Navy .....	349,157	414,200	403,163	448,798	355,721	380,885	402,195	356,785
Dept of the Air Force .....	219,197	291,510	308,739	304,416	367,946	390,323	426,664	425,636
Defense Agencies .....	160,504	148,235	205,068	274,739	256,361	249,363	175,752	169,581
Department of Education .....	15,253	8,287	8,380	7,503	7,055	7,144	6,628	6,963
Department of Energy .....	158,457	209,151	136,040	226,623	217,663	230,690	194,348	251,942
Dept of Hlth & Human Svcs, total .....	1,341,639	1,510,621	1,470,415	1,864,643	1,918,165	2,244,942	1,999,385	2,188,721
Administration on Aging <sup>7</sup> .....	NA	104	156	153	171	171	171	0
Administration for Children & Families <sup>8</sup> <sup>7</sup> .....	NA	381	1,114	398	209	224	166	351
Agency for Health Care Policy & Research <sup>9</sup> .....	11,556	19,601	17,725	20,762	27,474	15,290	10,923	18,715
Alcohol, Drug Abuse, & Mental Health Administration <sup>10</sup> .....	198,926	217,122	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	38,508	55,542	74,659	100,742	159,142	275,498	281,294	319,294
Food & Drug Administration .....	92,070	85,340	121,893	140,880	153,536	153,932	153,932	153,932
Health Care Financing Admin .....	273	229	101	1,342	875	64	40	51
Health Resources & Svcs Admin .....	3,010	3,960	2,961	2,959	2,499	2,482	2,077	2,091
Human Development Services <sup>7</sup> .....	381	NA	NA	NA	NA	NA	NA	NA
Nat'l Institutes of Health <sup>10</sup> .....	985,177	1,111,520	1,224,370	1,578,201	1,553,916	1,782,920	1,547,282	1,690,787
Office of the Assistant Secretary for Health <sup>9</sup> .....	5,844	9,614	5,971	0	0	0	0	0
Office of the Secretary .....	1,421	1,333	870	2,144	5,665	3,750	3,500	3,500
Social Security Admin <sup>11</sup> .....	4,473	5,875	20,595	17,062	14,678	10,611	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table 18B. Federal obligations to intramural performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 2 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Dept of Housing & Urban Dvlpmt .....	6,123	6,544	6,641	6,898	8,089	7,401	8,502	11,612
Department of the Interior, total .....	405,517	467,922	488,888	494,571	569,089	473,703	478,185	492,309
Bureau of Land Management .....	2,000	2,548	3,453	4,764	0	0	0	0
Bureau of Mines .....	64,352	69,557	75,799	77,351	72,671	0	NA	NA
Bureau of Reclamation .....	4,938	7,800	10,160	6,500	5,060	5,082	4,058	5,655
Geological Survey <sup>12</sup> .....	263,112	304,522	315,027	319,108	330,296	322,016	457,277	469,259
Minerals Management Service .....	1,014	1,279	1,698	2,260	6,598	5,943	7,731	7,809
National Biological Svc <sup>13 12</sup> .....	NA	NA	NA	0	141,235	131,551	NA	NA
National Park Service <sup>13</sup> .....	14,300	18,300	19,000	21,065	13,229	9,111	9,119	9,586
Office of the Secretary .....	0	15	50	50	0	0	0	0
Office of Surface Mining Reclamation & Enforcement .....	1	1	1	1	0	0	0	0
US Fish & Wildlife Svc <sup>13</sup> .....	55,800	63,900	63,700	63,472	0	0	0	0
Department of Justice, total .....	2,324	1,812	3,806	2,692	3,154	2,968	3,326	5,876
Bureau of Prisons <sup>14</sup> .....	1,625	1,400	1,975	1,960	1,750	2,068	1,900	1,900
Drug Enforcement Admin .....	21	100	100	15	72	0	45	50
Immigration & Naturalization Service .....	40	40	40	40	40	40	40	40
Office of Justice Programs .....	638	272	1,691	677	1,292	860	1,341	3,886
Department of Labor, total .....	6,313	8,899	12,433	7,024	8,096	8,991	12,744	17,070
Bureau of Labor Statistics .....	2,500	2,500	7,600	2,500	3,100	3,779	8,200	12,600
Employment Standards Admin .....	53	0	0	0	0	0	0	0
Employment & Training Admin .....	430	2,830	1,203	617	929	1,144	850	681
Occupational Safety & Health Administration .....	378	392	1,145	1,166	1,182	1,286	935	1,029
Office of the Secretary .....	2,147	2,282	1,661	1,800	2,092	1,942	1,918	1,918
Pension Benefit Guaranty Corp .....	300	355	174	231	51	52	53	54
Pension & Welfare Benefits Administration .....	505	540	650	710	742	788	788	788
Department of State <sup>15</sup> .....	239	338	373	434	350	402	405	405
Dept of Transportation, total .....	35,104	41,292	52,229	60,357	85,629	133,864	113,608	147,977
Coast Guard .....	3,442	4,385	3,418	5,579	3,769	3,360	3,383	3,370
Federal Aviation Admin .....	15,929	16,561	14,046	21,764	41,823	42,444	31,819	35,608
Federal Highway Administration .....	1,312	1,257	10,707	6,663	12,627	50,745	46,414	65,675
Federal Railroad Admin .....	4,991	6,706	9,613	8,563	10,494	12,702	9,106	14,451
Federal Transit Admin <sup>16</sup> .....	0	0	0	1	2,195	1,002	1,115	1,102
Maritime Administration .....	278	993	1,086	951	813	723	0	454
National Highway Traffic Safety Administration .....	7,248	10,022	12,227	16,581	12,892	20,865	19,209	23,681
Office of the Secretary .....	188	82	123	137	155	90	0	0
Rsch & Special Programs Admin .....	1,716	1,286	1,009	118	861	1,933	2,562	3,636
Department of the Treasury, total .....	12,125	17,515	14,534	8,491	7,275	29,256	34,169	38,370
Bureau of Engraving & Printing .....	1,137	2,490	1,681	3,100	1,461	1,140	1,160	1,124
Internal Revenue Service <sup>17 18</sup> .....	10,652	11,709	11,709	4,342	4,992	27,285	32,139	36,298
Office of Thrift Supervision <sup>19</sup> .....	NA	2,990	815	738	481	550	546	583
United States Customs Service .....	100	150	100	75	90	40	60	70
United States Secret Service <sup>20</sup> .....	236	176	229	236	251	241	264	295
Department of Veterans Affairs .....	214,800	193,000	200,159	206,448	222,529	217,806	252,963	235,324
Other agencies:								
Advisory Commission on Intergovernmental Relations .....	1,513	1,663	1,730	2,098	1,355	1,413	1,402	0
Appalachian Regional Commission .....	9	100	35	370	100	100	100	100
Consumer Product Safety Comm .....	365	869	760	775	65	0	0	0
Environmental Protection Agency .....	97,055	139,101	76,577	80,962	82,797	163,586	143,442	167,221
Federal Communications Comm .....	1,329	1,442	1,648	1,625	1,683	2,268	2,819	2,749
Federal Trade Commission .....	459	957	1,285	877	705	564	981	1,034
General Services Administration .....	665	0	0	0	0	0	0	0
International Development Cooperation Agency .....	18,994	10,912	10,286	173,628	45,267	57,146	34,315	19,573
Agency for Internat'l Dvlpmt <sup>15</sup> .....	18,994	10,912	10,286	173,628	45,267	57,146	34,315	19,573
Library of Congress .....	1,461	1,704	1,772	1,787	1,900	2,106	1,827	1,886

See explanatory information, if any, and SOURCE at end of table.

**Table 18B. Federal obligations to intramural performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 3 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Nat'l Aeronautics & Space Admin .....	1,047,604	1,133,565	1,079,895	1,211,915	1,160,140	1,011,522	1,070,394	1,060,135
Nat'l Archives & Records Admin .....	235	511	605	290	280	120	120	120
National Science Foundation .....	86,255	12,975	10,910	18,318	18,068	17,343	20,061	18,942
Nuclear Regulatory Commission .....	24,506	19,919	22,225	23,304	13,160	15,463	13,872	13,760
Office of Thrift Supervision <sup>19</sup> .....	4,126	NA	NA	NA	NA	NA	NA	NA
Smithsonian Institution .....	83,987	97,999	97,999	102,000	124,176	124,000	125,400	136,800
Social Security Administration <sup>11</sup> .....	NA	NA	NA	NA	NA	NA	1,656	1,075
Tennessee Valley Authority .....	18,860	15,794	21,282	25,010	25,910	26,370	31,130	14,182
United States Arms Control & Disarmament Agency <sup>21</sup> .....	20	100	290	479	573	250	90	200
United States Information Agency .....	450	100	0	1,125	559	289	150	136
US Internat'l Trade Commission .....	9,065	9,885	12,280	12,152	9,364	12,152	12,695	12,511

- 1 The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- 2 The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- 3 The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- 4 The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- 5 This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- 6 The Department of the Army, Civil functions (Corps of Engineers) development activities are appropriated by the Energy & Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown.
- 7 In fiscal year 1991 Human Development Services was replaced by the Administration for Children & Families (ACF) and by the Administration on Aging (AoA). Beginning in fiscal year 1992, data shown for the ACF are separate from obligations for the AoA.
- 8 Obligations reported for the Administration for Children & Families may be incomplete for fiscal year 1992 due to unavailability of data.
- 9 In fiscal year 1991 the Agency for Health Care Policy & Research became separate from the Office of the Assistant Secretary for Health.
- 10 Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- 11 As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- 12 As of FY 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- 13 The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- 14 The Bureau of Prisons was formerly listed as the Federal Prison System.
- 15 Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.
- 16 The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.
- 17 Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.
- 18 Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.
- 19 In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.
- 20 The United States Secret Service was formerly listed as the Office of Protective Research.
- 21 Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 19. Federal obligations to industrial performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	874,616	1,010,246	1,102,954	1,367,256	1,651,406	1,761,951	2,077,605	1,958,306
Departments:								
Department of Agriculture, total .....	659	1,379	385	5,541	5,959	4,407	5,354	8,324
Agricultural Marketing Svc <sup>1</sup> .....	0	0	0	0	0	75	25	0
Agricultural Research Service .....	NA	NA	NA	NA	NA	NA	NA	8,271
Forest Service .....	530	1,149	245	607	808	571	103	53
Science & Education								
Administration .....	129	230	140	4,934	5,151	3,761	5,226	NA
Department of Commerce, total .....	15,806	11,882	11,007	7,668	9,930	17,174	19,298	7,683
Economic Development Admin .....	182	217	119	490	0	1,811	404	225
Maritime Administration <sup>2</sup> .....	4,708	4,672	3,615	2,456	5,500	9,607	9,761	NA
Minority Business Dvlpmnt Agcy .....	0	121	18	64	0	0	0	0
National Fire Prevention & Control Administration <sup>3</sup> .....	NA	0	65	79	NA	NA	NA	NA
Nat'l Inst of Standards & Tech .....	178	250	0	231	1,765	406	870	1,301
National Oceanic & Atmospheric Administration .....	10,738	6,622	7,190	4,348	2,665	5,350	8,263	6,157
Department of Defense, total .....	455,731	504,349	514,244	592,558	708,197	750,571	969,615	1,006,089
Department of the Army, total .....	70,024	77,219	63,914	66,566	69,335	75,303	105,077	135,295
Department of the Army, Civil Functions .....	250	158	1,097	832	710	609	1,064	1,121
Department of the Army, Military Functions .....	69,774	77,061	62,817	65,734	68,625	74,694	104,013	134,174
Department of the Navy .....	63,879	78,567	81,068	73,556	126,519	88,040	218,696	128,712
Dept of the Air Force .....	179,686	199,446	220,410	248,486	250,823	266,882	251,966	268,743
Defense Agencies .....	141,192	148,534	148,607	203,328	258,583	320,346	393,876	473,339
Defense Civil Preparedness Agency <sup>4</sup> .....	950	583	245	622	2,937	NA	NA	NA
Department of Education .....	NA	NA	NA	NA	NA	2,734	8,059	0
Department of Energy <sup>5</sup> .....	NA	NA	NA	76,858	138,469	68,203	64,858	139,077
Department of Health, Education, & Welfare, total .....	83,028	73,098	83,512	92,742	88,078	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	2,748	3,760	4,613	3,107	2,662	NA	NA	NA
Center for Disease Control .....	8,060	3,632	2,616	4,382	4,332	NA	NA	NA
Food & Drug Administration .....	6,214	2,463	2,765	5,418	6,113	NA	NA	NA
Health Care Financing Admin .....	NA	NA	NA	11,675	6,836	NA	NA	NA
Health Resources Admin .....	1,234	6	279	0	0	NA	NA	NA
Health Services Administration .....	0	0	0	332	185	NA	NA	NA
National Inst of Education .....	0	89	674	1,030	1,548	NA	NA	NA
National Institutes of Health .....	60,206	58,838	63,053	60,881	58,482	NA	NA	NA
Office of Assistant Secretary for Health .....	0	0	0	224	974	NA	NA	NA
Office of Education .....	767	843	2,371	1,167	2,014	NA	NA	NA
Office of Human Dvlpmnt Svcs .....	1,190	310	2,330	1,153	1,717	NA	NA	NA
Office of the Secretary .....	603	470	3,082	2,328	2,692	NA	NA	NA
Social & Rehabilitation Svc .....	1,844	1,439	86	NA	NA	NA	NA	NA
Social Security Administration .....	162	1,248	1,643	1,045	523	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table 19. Federal obligations to industrial performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 2 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	112,555	130,503	116,520
Alcohol, Drug Abuse, & Mental Health Administration .....	NA	NA	NA	NA	NA	4,595	7,563	4,437
Centers for Disease Control & Prevention .....	NA	NA	NA	NA	NA	6,251	6,593	9,106
Food & Drug Administration .....	NA	NA	NA	NA	NA	3,770	4,680	3,818
Health Care Financing Admin .....	NA	NA	NA	NA	NA	10,273	19,081	14,278
Human Development Services .....	NA	NA	NA	NA	NA	610	1,943	1,534
National Institutes of Health .....	NA	NA	NA	NA	NA	81,161	83,473	77,555
Office of the Assistant Secretary for Health .....	NA	NA	NA	NA	NA	3,397	3,953	3,660
Office of the Secretary .....	NA	NA	NA	NA	NA	1,355	1,932	1,890
Social Security Administration .....	NA	NA	NA	NA	NA	1,143	1,285	242
Dept of Housing & Urban Dvlpmnt .....	8,242	8,710	14,011	6,599	6,296	3,400	4,352	67
Department of the Interior, total .....	8,476	34,765	35,695	11,439	17,484	39,902	47,553	39,855
Bonneville Power Admin .....	309	334	309	0	0	0	0	3,574
Bureau of Mines .....	3,336	26,491	28,941	6,000	10,200	34,000	32,400	27,400
Bureau of Reclamation .....	1,559	1,374	1,615	919	1,567	2,052	2,146	1,765
Geological Survey .....	828	1,886	525	765	988	833	5,441	3,892
National Park Service .....	0	387	390	321	114	95	0	828
Office of the Secretary .....	0	430	530	1,619	355	412	472	308
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	0	510	160	1,660	424
Office of Water Rsch & Tech .....	2,444	3,388	3,167	1,515	3,500	2,073	5,000	1,230
US Fish & Wildlife Svc .....	0	475	218	300	250	277	434	434
Department of Justice, total .....	2,784	303	132	1,100	1,967	1,181	1,980	3,328
Drug Enforcement Admin .....	695	256	0	500	400	600	700	300
Immigration & Naturalization Service .....	0	47	132	142	31	82	95	23
Office of Justice Programs .....	2,089	0	0	458	1,500	158	685	2,505
Office of Legal Policy .....	0	0	0	0	36	341	500	500
Department of Labor, total .....	1,652	3,225	4,055	4,502	4,036	17,408	10,370	8,124
Bureau of Labor Statistics .....	0	0	0	0	60	57	65	0
Employment Standards Admin .....	0	0	0	0	122	249	450	293
Employment & Training Admin .....	1,165	1,577	1,382	461	1,264	11,623	3,953	4,829
Labor-Management Svcs Admin .....	157	0	0	767	1,012	583	318	45
Occupational Safety & Health Administration .....	194	1,162	2,600	3,245	869	4,701	5,366	2,870
Office of the Secretary .....	136	486	73	29	709	195	218	0
Pension Benefit Guaranty Corp .....	NA	NA	NA	NA	NA	NA	NA	87
Department of State, total <sup>6</sup> .....	191	556	1,052	1,129	4,090	1,004	748	536
Agency for Internat'l Dvlpmnt <sup>6</sup> .....	0	534	954	694	2,848	NA	NA	NA
Departmental Funds .....	191	22	98	435	1,242	1,004	748	536
Dept of Transportation, total .....	29,058	26,567	14,331	23,317	31,179	34,269	39,211	44,102
Coast Guard .....	4,786	2,660	1,294	1,683	1,599	7,700	5,100	8,984
Federal Aviation Admin .....	10,386	10,738	2,639	3,250	5,281	5,850	6,396	6,396
Federal Highway Administration .....	775	847	480	1,700	1,484	1,793	2,120	1,112
Federal Railroad Admin .....	369	590	1,845	1,460	2,035	1,660	1,815	1,426
Federal Transit Administration .....	156	96	20	0	0	0	2,800	2,216
Maritime Administration <sup>2</sup> .....	NA	NA	NA	NA	NA	NA	NA	8,297
National Highway Traffic Safety Administration .....	7,960	7,213	7,149	13,894	19,433	16,801	19,907	15,156
Office of the Secretary .....	4,626	4,423	904	1,330	1,347	365	430	315
Rsch & Special Programs Admin .....	NA	NA	NA	0	0	100	643	200
Department of the Treasury, total .....	0	0	0	0	661	2,142	1,002	1,555
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	0	0	231	169	0
Bureau of Engraving & Printing .....	0	0	0	0	399	16	200	75
Internal Revenue Service .....	0	0	0	0	262	1,895	633	1,436
United States Customs Service .....	0	0	0	0	0	0	0	44
Department of Veterans Affairs .....	0	0	0	918	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table 19. Federal obligations to industrial performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 3 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Other agencies:								
ACTION .....	0	69	15	0	0	0	0	0
Appalachian Regional Commission .....	NA	NA	684	374	193	348	350	75
Consumer Product Safety Comm .....	0	248	422	415	503	882	848	110
Energy Research & Dvlpmt Admin <sup>5</sup> .....	6,008	59,834	54,449	NA	NA	NA	NA	NA
Environmental Protection Agency .....	33,588	28,533	35,836	56,630	62,005	64,790	65,798	52,472
Federal Communications Comm .....	153	329	548	352	625	1,503	1,224	673
Federal Emergency Management Agency, total <sup>4 3</sup> .....	NA	NA	NA	NA	89	2,050	2,122	2,606
National Fire Prevention & Control Administration <sup>3</sup> .....	NA	NA	NA	NA	89	0	0	0
Federal Energy Administration .....	0	199	527	NA	NA	NA	NA	NA
Foundation for Educational Assistance .....	NA	NA	NA	NA	NA	NA	NA	7,499
General Services Administration .....	799	554	241	270	679	111	71	118
International Development Cooperation Agency <sup>6</sup> .....	NA	NA	NA	NA	NA	1,344	2,766	3,804
Agency for Internat'l Dvlpmt <sup>6</sup> .....	NA	NA	NA	NA	NA	1,344	2,766	3,804
Nat'l Aeronautics & Space Admin .....	210,780	236,902	310,015	460,501	542,070	613,660	678,664	479,224
National Science Foundation .....	13,996	15,455	14,510	14,645	21,882	16,334	16,305	29,323
Nuclear Regulatory Commission .....	3,068	2,515	6,548	8,209	5,569	4,340	5,301	6,501
Office of Personnel Management .....	NA	NA	NA	NA	0	0	160	117
Off of Telecommunications Policy .....	100	346	298	NA	NA	NA	NA	NA
Office of Thrift Supervision .....	0	0	0	0	0	0	0	87
Small Business Administration .....	0	156	0	134	0	0	0	0
United States Arms Control & Disarmament Agency .....	497	272	437	1,349	1,423	1,624	1,090	428
United States Information Agcy <sup>7</sup> .....	0	0	0	6	22	15	3	9

<sup>1</sup> Although the Agricultural Marketing Service was established in April 1972, fiscal year 1979 was the first year in which Congress appropriated funds to this agency.

<sup>2</sup> In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

<sup>3</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

<sup>4</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

<sup>5</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>6</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>7</sup> Data reported for the United States Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997



**Table 19A. Federal obligations to industrial performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 2

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	2,156,575	2,114,205	2,137,440	2,074,373	2,280,461	2,448,590	2,642,471	2,875,047
Departments:								
Department of Agriculture, total .....	2,501	1,623	3,104	5,313	10,089	5,322	6,321	5,854
Agricultural Marketing Svc <sup>1</sup> .....	0	0	0	0	0	0	70	0
Cooperative State Research, Education, & Extension Svc .....	0	0	1,381	2,911	3,502	3,755	3,737	3,926
Forest Service .....	371	403	223	376	520	1,122	740	535
Grain Inspection Packers & Stockyards Administration .....	0	0	0	310	0	0	0	0
Human Nutrition Information Svc ....	2,130	1,200	1,500	1,716	6,067	445	1,774	1,393
National Agricultural Statistics Service .....	0	20	0	0	0	0	0	0
Department of Commerce, total .....	13,805	11,977	14,678	10,537	13,364	8,279	6,146	5,786
Economic Development Admin .....	108	780	0	0	0	119	117	0
Nat'l Inst of Standards & Tech .....	462	1,267	766	1,077	1,055	807	746	835
National Oceanic & Atmospheric Administration .....	13,235	9,930	13,912	9,214	12,309	7,353	5,283	4,951
National Telecommunications & Information Administration .....	0	0	0	246	0	0	0	0
Department of Defense, total .....	1,220,877	1,209,177	1,003,398	996,689	967,810	1,089,806	1,084,666	1,177,427
Department of the Army, total .....	144,289	150,360	146,501	183,346	185,589	210,458	143,869	174,329
Department of the Army, Civil Functions .....	1,095	1,032	1,018	1,189	1,211	1,096	1,196	1,346
Department of the Army, Military Functions .....	143,194	149,328	145,483	182,157	184,378	209,362	142,673	172,983
Department of the Navy .....	240,804	164,933	108,900	136,808	63,821	80,263	128,542	111,380
Dept of the Air Force .....	310,318	337,375	341,344	332,457	350,361	356,154	367,479	370,772
Defense Agencies .....	525,466	556,509	406,653	344,078	368,039	442,931	444,776	520,946
Department of Education .....	1,495	4,216	9,854	10,523	10,263	11,923	6,817	5,856
Department of Energy <sup>2</sup> .....	240,303	242,045	215,223	194,532	233,658	184,491	211,207	149,729
Dept of Hlth & Human Svcs, total .....	99,072	99,684	134,019	121,173	139,643	188,038	248,095	294,476
Alcohol, Drug Abuse, & Mental Health Administration .....	4,484	10,313	14,567	12,101	14,972	13,469	16,020	20,359
Centers for Disease Control & Prevention .....	6,953	6,941	1,501	1,446	1,753	2,178	4,291	4,357
Health Care Financing Admin .....	9,101	6,234	16,572	9,841	10,397	9,533	8,419	14,589
Human Development Services .....	1,017	906	844	1,095	985	1,414	340	200
National Institutes of Health .....	74,163	71,458	94,968	93,575	107,077	156,534	213,250	246,280
Office of the Assistant Secretary for Health .....	1,809	1,330	1,900	1,415	2,805	2,135	3,377	6,180
Office of the Secretary .....	1,192	1,422	1,417	1,366	1,654	1,991	1,808	2,016
Social Security Administration .....	353	1,080	2,250	334	0	784	590	495
Dept of Housing & Urban Dvlpmnt .....	319	4,593	1,333	2,105	1,893	1,026	902	640
Department of the Interior, total .....	22,715	16,175	14,919	4,079	5,384	3,500	11,155	14,101
Bureau of Mines .....	14,746	12,143	9,220	0	675	386	9,537	11,622
Bureau of Reclamation .....	1,314	853	1,498	1,915	2,000	1,129	18	0
Geological Survey <sup>3</sup> .....	3,826	2,100	2,638	1,847	1,452	1,473	1,234	2,389
Minerals Management Service .....	0	125	125	200	234	171	155	90
Office of the Secretary .....	0	0	0	0	0	0	12	0
Office of Surface Mining Reclamation & Enforcement .....	385	778	106	117	1,023	341	199	0
Office of Water Rsch & Tech <sup>3</sup> .....	1,944	176	482	NA	NA	NA	NA	NA
US Fish & Wildlife Svc .....	500	0	850	0	0	0	0	0
Department of Justice, total .....	1,182	2,334	1,520	1,211	2,078	1,112	2,137	1,805
Bureau of Prisons .....	0	0	0	0	900	60	90	171
Drug Enforcement Admin .....	900	600	500	200	500	500	400	300
Immigration & Naturalization Service .....	200	260	270	180	180	180	296	45
Office of Justice Programs .....	0	1,366	750	831	498	372	1,351	1,289
Office of Legal Policy .....	82	108	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table 19A. Federal obligations to industrial performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 2 of 2

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Department of Labor, total .....	4,149	5,541	6,260	5,447	5,178	5,543	9,059	7,651
Employment Standards Admin .....	0	368	0	0	0	735	0	0
Employment & Training Admin .....	0	56	699	100	1,883	0	3,500	2,556
Labor-Management Relations & Cooperative Programs <sup>4</sup> .....	NA	NA	0	137	25	32	15	0
Occupational Safety & Health Administration .....	3,909	4,838	4,675	4,080	3,180	3,708	3,800	4,188
Office of the Secretary .....	0	0	0	0	0	121	621	408
Pension Benefit Guaranty Corp .....	240	279	300	180	90	270	270	0
Pension & Welfare Benefits Administration .....	NA	NA	586	950	0	677	853	499
Department of State .....	645	647	557	216	220	131	46	59
Dept of Transportation, total .....	31,767	38,540	24,763	28,507	25,642	26,129	31,143	46,480
Coast Guard .....	739	30	1,250	905	1,035	1,084	1,226	1,262
Federal Aviation Admin .....	5,460	9,686	8,859	11,369	9,009	7,297	3,915	1,799
Federal Highway Administration .....	2,110	4,193	4,382	2,410	5,591	8,777	22,001	35,639
Federal Railroad Admin .....	682	1,196	1,676	523	498	600	252	428
Federal Transit Administration .....	6,762	6,792	400	192	0	0	0	0
Maritime Administration .....	4,551	5,470	4,944	5,520	4,790	2,112	363	0
National Highway Traffic Safety Administration .....	11,046	11,033	2,434	6,950	4,683	6,259	3,261	6,488
Office of the Secretary .....	117	40	673	638	36	0	125	864
Rsch & Special Programs Admin .....	300	100	145	0	0	0	0	0
Department of the Treasury, total .....	1,609	2,123	2,557	4,851	5,167	5,825	4,938	4,370
Bureau of Engraving & Printing .....	1,184	420	433	932	1,016	1,625	259	0
Internal Revenue Service .....	425	1,703	1,988	3,773	3,909	4,026	3,858	3,760
United States Customs Service .....	0	0	31	38	115	170	600	360
United States Secret Service .....	0	0	105	108	127	4	221	250
Department of Veterans Affairs .....	220	0	0	0	0	0	0	0
Other agencies:								
Appalachian Regional Commission .....	150	162	200	100	126	55	95	0
Consumer Product Safety Comm .....	0	0	0	23	0	143	0	205
Environmental Protection Agency .....	75,211	60,861	53,816	68,851	66,735	134,439	117,554	80,962
Federal Communications Comm .....	97	12	0	0	0	0	0	0
Federal Emergency Management Agency, total .....	2,285	1,112	2,364	1,091	0	0	0	0
General Services Administration <sup>5</sup> .....	0	0	113	66	255	116	61	0
International Development Cooperation Agency .....	15,556	12,470	4,252	4,148	5,590	9,585	18,500	8,986
Agency for Internat'l Dvlpmnt .....	15,556	12,470	4,252	4,148	5,590	9,585	18,500	8,986
Nat'l Aeronautics & Space Admin .....	391,075	365,878	597,767	562,694	711,355	710,252	823,705	1,005,135
National Science Foundation .....	25,421	26,062	33,637	41,408	69,141	55,927	50,071	57,111
Nuclear Regulatory Commission .....	5,510	8,460	10,964	10,297	6,473	6,795	9,038	7,432
Office of Thrift Supervision <sup>6</sup> .....	73	0	66	12	0	0	98	160
Tennessee Valley Authority .....	0	0	0	10	21	0	0	0
United States Arms Control & Disarmament Agency .....	538	507	704	400	376	153	618	822
United States Information Agency .....	0	6	1,372	90	0	0	99	0

<sup>1</sup> Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

<sup>2</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>3</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

<sup>4</sup> In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations & Cooperative Programs.

<sup>5</sup> As of 1985 the National Archives & Records Administration is separate from the General Services Administration.

<sup>6</sup> In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 19B. Federal obligations to industrial performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 2

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	3,191,641	3,406,515	3,451,220	3,923,802	4,063,492	4,727,929	4,672,802	4,799,723
Departments:								
Department of Agriculture, total .....	6,101	6,197	8,382	7,854	11,681	10,653	10,445	12,269
Cooperative State Research, Education, & Extension Svc <sup>1</sup> .....	4,037	5,579	5,659	7,135	8,597	10,473	10,266	12,090
Forest Service .....	341	539	1,489	617	245	180	179	179
Human Nutrition Information Service <sup>2</sup> .....	1,700	79	1,234	102	2,839	NA	NA	NA
National Agricultural Statistics Service .....	23	0	0	0	0	0	0	0
Department of Commerce, total .....	9,601	12,164	27,074	59,708	90,498	209,231	200,207	153,067
Economic Development Admin .....	235	0	0	0	143	461	200	600
Nat'l Inst of Standards & Tech .....	1,254	4,189	16,897	25,296	30,770	169,047	198,435	150,790
National Oceanic & Atmospheric Administration .....	8,112	7,975	10,177	34,412	59,585	39,723	1,572	1,677
Department of Defense, total .....	1,294,593	1,297,630	1,439,453	1,762,717	1,394,593	1,509,430	1,334,569	1,344,594
Department of the Army, total .....	177,040	188,062	189,255	266,545	159,236	192,765	133,752	147,841
Department of the Army, Civil Functions <sup>3</sup> .....	1,248	1,531	2,024	1,787	1,859	2,025	1,057	1,302
Department of the Army, Military Functions .....	175,792	186,531	187,231	264,758	157,377	190,740	132,695	146,539
Department of the Navy .....	171,447	169,353	181,878	248,354	213,690	212,259	264,534	223,767
Dept of the Air Force .....	350,768	367,632	328,688	390,466	224,678	259,715	272,183	263,545
Defense Agencies .....	595,338	572,583	739,632	857,352	796,989	844,691	664,100	709,441
Department of Education .....	11,902	6,771	6,197	5,479	6,011	3,728	6,863	5,448
Department of Energy .....	172,627	209,166	295,345	169,514	172,946	248,594	260,451	276,079
Dept of Hlth & Human Svcs, total .....	313,313	328,105	321,388	289,932	408,663	514,284	456,272	492,058
Administration on Aging <sup>4</sup> .....	NA	0	0	0	1,175	0	0	0
Administration for Children & Families <sup>5</sup> <sup>4</sup> .....	NA	1,256	3,492	0	0	0	0	0
Agency for Health Care Policy & Research <sup>6</sup> .....	8,162	10,155	14,318	10,038	34,711	30,204	13,462	16,320
Alcohol, Drug Abuse, & Mental Health Administration <sup>7</sup> .....	9,214	11,326	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	5,228	1,875	5,470	5,470	6,400	1,058	1,058	1,058
Food & Drug Administration .....	0	13,878	0	0	0	0	0	0
Health Care Financing Admin .....	13,316	16,376	15,638	16,781	15,689	27,270	23,900	29,724
Human Development Services <sup>4</sup> .....	1,507	NA	NA	NA	NA	NA	NA	NA
Nat'l Institutes of Health <sup>7</sup> .....	273,347	271,106	277,802	252,721	345,166	452,625	415,852	442,956
Office of the Secretary .....	2,220	1,598	1,085	1,217	3,022	1,414	2,000	2,000
Social Security Admin <sup>8</sup> .....	319	535	3,583	3,705	2,500	1,713	NA	NA
Dept of Housing & Urban Dvlpmt .....	345	2,684	984	106	790	595	1,206	1,100
Department of the Interior, total .....	13,120	16,711	16,093	19,679	19,824	6,716	5,633	5,740
Bureau of Mines .....	10,133	12,365	13,038	13,603	13,289	0	NA	NA
Geological Survey <sup>9</sup> .....	2,948	4,042	2,623	3,068	1,310	1,311	1,312	1,420
Minerals Management Service .....	39	219	282	1,191	3,804	3,712	2,681	2,680
National Biological Svc <sup>10</sup> <sup>9</sup> .....	NA	NA	NA	0	53	53	NA	NA
National Park Service <sup>10</sup> .....	0	0	0	1,667	1,368	1,640	1,640	1,640
Office of the Secretary .....	0	85	150	150	0	0	0	0
Department of Justice, total .....	822	2,205	1,259	826	1,050	723	540	500
Bureau of Prisons <sup>11</sup> .....	0	100	25	0	0	0	0	0
Drug Enforcement Admin .....	333	600	0	0	0	0	0	0
Immigration & Naturalization Service .....	360	360	0	0	0	0	0	0
Office of Justice Programs .....	129	1,145	1,234	826	1,050	723	540	500
Department of Labor, total .....	5,124	8,284	8,877	6,165	6,666	7,136	5,618	5,566
Employment & Training Admin .....	300	2,245	2,515	1,500	1,432	1,000	973	810
Occupational Safety & Health Administration .....	2,148	2,211	1,949	1,292	2,128	3,084	2,240	2,466
Office of the Secretary .....	1,071	1,828	1,875	1,024	923	892	928	750
Pension Benefit Guaranty Corp .....	0	0	638	449	250	50	0	0
Pension & Welfare Benefits Administration .....	1,605	2,000	1,900	1,900	1,933	2,110	1,477	1,540
Department of State <sup>12</sup> .....	67	67	110	88	70	101	101	101

See explanatory information, if any, and SOURCE at end of table.

**Table 19B. Federal obligations to industrial performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 2 of 2

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Dept of Transportation, total .....	49,753	49,657	63,132	66,210	87,494	95,712	87,863	130,322
Coast Guard .....	1,616	1,299	896	1,954	1,313	1,070	1,227	1,274
Federal Aviation Admin .....	3,653	840	7,893	27,380	21,016	30,435	21,734	24,325
Federal Highway Administration .....	36,925	36,025	40,763	22,336	54,299	44,701	44,526	79,725
Federal Railroad Admin .....	705	2,334	4,905	5,597	2,549	3,278	3,712	2,450
Federal Transit Admin <sup>13</sup> .....	0	0	0	0	400	1,660	400	500
Maritime Administration .....	622	470	565	690	493	969	0	1,227
National Highway Traffic Safety Administration .....	4,085	8,110	7,290	7,369	5,221	11,813	11,976	14,982
Office of the Secretary .....	1,482	504	617	508	415	500	0	0
Rsch & Special Programs Admin ...	665	75	203	376	1,788	1,286	4,288	5,839
Department of the Treasury, total .....	6,354	6,392	6,202	314	598	976	920	950
Internal Revenue Service <sup>14 15</sup> .....	5,812	5,812	5,812	0	0	0	0	0
United States Customs Service .....	300	350	90	0	390	670	600	630
United States Secret Service <sup>16</sup> .....	242	230	300	314	208	306	320	320
Other agencies:								
Appalachian Regional Commission ....	142	332	1,759	0	0	300	100	100
Consumer Product Safety Comm .....	34	14	28	20	65	0	0	0
Environmental Protection Agency .....	121,443	126,208	122,053	194,148	146,087	109,300	95,840	111,729
International Development Cooperation Agency .....	25,787	19,196	25,277	8,813	8,760	11,086	9,421	9,569
Agency for Internat'l Dvlpm <sup>12</sup> .....	25,787	19,196	25,277	8,813	8,760	11,086	9,421	9,569
Nat'l Aeronautics & Space Admin .....	1,079,972	1,204,254	1,054,743	1,242,860	1,621,659	1,885,761	2,084,572	2,099,209
National Science Foundation .....	72,145	102,806	44,097	74,191	78,822	108,611	106,461	124,621
Nuclear Regulatory Commission .....	8,223	7,451	7,449	14,235	6,490	4,096	3,632	2,035
Social Security Administration <sup>8</sup> .....	NA	NA	NA	NA	NA	NA	1,633	23,866
United States Arms Control & Disarmament Agency <sup>17</sup> .....	173	221	1,318	943	725	896	455	800

- <sup>1</sup> The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- <sup>2</sup> The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- <sup>3</sup> The Department of the Army, Civil functions (Corps of Engineers) development activities are appropriated by the Energy & Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown.
- <sup>4</sup> In fiscal year 1991 Human Development Services was replaced by the Administration for Children & Families (ACF) and by the Administration on Aging (AoA). Beginning in fiscal year 1992, data shown for the ACF are separate from obligations for the AoA.
- <sup>5</sup> Obligations reported for the Administration for Children & Families may be incomplete for fiscal year 1992 due to unavailability of data.
- <sup>6</sup> In fiscal year 1991 the Agency for Health Care Policy & Research became separate from the Office of the Assistant Secretary for Health.
- <sup>7</sup> Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- <sup>8</sup> As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- <sup>9</sup> As of FY 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- <sup>10</sup> The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- <sup>11</sup> The Bureau of Prisons was formerly listed as the Federal Prison System.
- <sup>12</sup> Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.
- <sup>13</sup> The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.
- <sup>14</sup> Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.
- <sup>15</sup> Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.
- <sup>16</sup> The United States Secret Service was formerly listed as the Office of Protective Research.
- <sup>17</sup> Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 20. Federal obligations to university and college performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	1,958,267	2,078,766	2,249,735	2,583,507	2,928,039	3,333,375	3,699,071	3,920,144
Departments:								
Department of Agriculture, total .....	94,419	107,669	119,162	138,935	181,419	198,100	214,442	240,383
Agricultural Cooperative Svc .....	NA	NA	NA	NA	NA	NA	215	526
Agricultural Marketing Svc <sup>1</sup> .....	0	0	0	0	0	25	25	30
Agricultural Research Service .....	NA	NA	NA	NA	NA	NA	NA	32,546
Cooperative State Research, Education, & Extension Svc .....	NA	NA	NA	NA	NA	NA	NA	191,573
Economic Research Service .....	NA	NA	NA	NA	NA	NA	NA	1,847
Economics, Statistics, & Cooperative Service <sup>2</sup> .....	443	554	852	764	2,184	956	NA	NA
Economics & Statistics Svc <sup>3</sup> .....	NA	NA	NA	NA	NA	NA	1,695	NA
Forest Service .....	3,947	5,551	4,718	6,920	10,023	9,506	9,600	13,013
National Agricultural Statistics Service .....	0	0	0	NA	NA	NA	NA	848
Science & Education Administration .....	90,029	101,564	113,592	131,251	169,212	187,613	202,907	NA
Department of Commerce, total .....	18,906	16,060	19,205	17,721	25,624	28,239	40,715	41,034
Bureau of the Census .....	100	115	175	167	136	158	356	165
Economic Development Admin .....	194	35	697	455	2,607	1,100	1,100	800
Maritime Administration <sup>4</sup> .....	78	314	391	81	165	581	350	NA
Minority Business Dvlpmnt Agcy .....	0	13	0	0	0	0	0	0
National Fire Prevention & Control Administration <sup>5</sup> .....	NA	205	419	1,632	NA	NA	NA	NA
Nat'l Inst of Standards & Tech .....	1,013	697	582	816	619	558	817	1,416
National Oceanic & Atmospheric Administration .....	17,521	14,681	16,941	14,570	22,097	25,842	38,092	38,653
Department of Defense, total .....	166,985	164,991	191,503	220,913	242,792	271,186	312,690	362,966
Department of the Army, total .....	38,904	38,811	36,749	44,204	49,857	48,748	49,028	55,545
Department of the Army, Civil Functions .....	855	862	2,636	647	1,426	1,068	1,522	1,427
Department of the Army, Military Functions .....	38,049	37,949	34,113	43,557	48,431	47,680	47,506	54,118
Department of the Navy .....	54,274	55,422	55,128	63,458	90,739	111,951	113,906	133,402
Dept of the Air Force .....	39,100	39,507	49,211	67,982	74,302	78,826	115,603	134,487
Defense Agencies .....	34,397	31,059	50,335	45,129	27,674	31,661	34,153	39,532
Defense Civil Preparedness Agency <sup>6</sup> .....	310	192	80	140	220	NA	NA	NA
Department of Education .....	NA	NA	NA	NA	NA	46,890	51,842	0
Department of Energy <sup>7</sup> .....	NA	NA	NA	133,930	174,760	203,754	224,134	248,069
Department of Health, Education, & Welfare, total .....	1,056,026	1,076,646	1,200,494	1,349,838	1,522,252	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	80,591	76,896	78,168	87,743	94,534	NA	NA	NA
Center for Disease Control .....	4,764	4,622	2,941	5,358	6,188	NA	NA	NA
Food & Drug Administration .....	13,977	8,377	7,682	8,425	11,237	NA	NA	NA
Health Care Financing Admin .....	NA	NA	NA	1,727	1,700	NA	NA	NA
Health Resources Admin .....	6,268	8,522	14,057	7,114	4,800	NA	NA	NA
Health Services Administration .....	3,100	4,064	2,528	3,192	3,037	NA	NA	NA
National Inst of Education .....	4,991	737	2,865	10,525	13,721	NA	NA	NA
National Institutes of Health .....	923,694	958,640	1,059,730	1,180,785	1,342,575	NA	NA	NA
Office of Assistant Secretary for Health .....	0	0	0	10,767	9,739	NA	NA	NA
Office of Education .....	4,572	3,386	9,916	5,749	6,529	NA	NA	NA
Office of Human Dvlpmnt Svcs .....	8,855	3,864	16,953	25,328	24,370	NA	NA	NA
Office of the Secretary .....	3,082	3,073	3,066	2,567	2,696	NA	NA	NA
Social & Rehabilitation Svc .....	1,988	1,727	2,378	NA	NA	NA	NA	NA
Social Security Administration .....	144	2,738	210	558	1,126	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table 20. Federal obligations to university and college performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 2 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	1,706,438	1,886,203	2,000,154
Alcohol, Drug Abuse, & Mental Health Administration .....	NA	NA	NA	NA	NA	115,154	123,758	116,316
Centers for Disease Control & Prevention .....	NA	NA	NA	NA	NA	6,670	7,670	6,394
Food & Drug Administration .....	NA	NA	NA	NA	NA	8,493	6,895	5,726
Health Care Financing Admin .....	NA	NA	NA	NA	NA	4,968	7,084	10,075
Health Resources Admin .....	NA	NA	NA	NA	NA	4,794	4,676	4,516
Health Services Administration .....	NA	NA	NA	NA	NA	3,497	2,998	2,503
Human Development Services .....	NA	NA	NA	NA	NA	4,890	5,869	23,739
National Institutes of Health .....	NA	NA	NA	NA	NA	1,541,965	1,711,172	1,812,950
Office of the Assistant Secretary for Health .....	NA	NA	NA	NA	NA	12,404	9,752	12,585
Office of the Secretary .....	NA	NA	NA	NA	NA	2,621	2,900	1,515
Social Security Administration .....	NA	NA	NA	NA	NA	982	3,429	3,835
Dept of Housing & Urban Dvlpmt .....	1,547	1,840	1,534	3,462	5,664	1,864	991	240
Department of the Interior, total .....	21,577	25,913	22,907	22,282	30,842	37,577	37,506	34,319
Bonneville Power Admin .....	10	43	28	0	0	0	0	269
Bureau of Land Management .....	263	392	418	330	571	541	739	688
Bureau of Mines .....	4,368	4,821	4,120	2,000	2,200	2,150	1,500	1,500
Bureau of Reclamation .....	1,352	1,354	713	2,299	2,124	2,800	3,932	3,215
Geological Survey .....	1,708	4,020	3,493	4,140	9,236	10,611	10,645	8,990
National Park Service .....	1,801	4,067	4,098	2,530	3,816	2,926	2,091	2,175
Office of the Secretary .....	0	350	50	402	287	0	0	0
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	0	208	2,868	4,867	3,807
Office of Water Rsch & Tech .....	11,250	10,138	9,117	9,781	10,700	13,917	12,100	12,390
US Fish & Wildlife Svc .....	825	728	870	800	1,700	1,764	1,632	1,285
Department of Justice, total .....	1,695	7,931	3,079	4,868	7,245	7,137	8,549	7,311
Bureau of Prisons .....	0	0	0	48	81	198	300	500
Drug Enforcement Admin .....	258	418	300	0	0	0	0	0
Office of Justice Programs .....	1,437	7,513	2,779	4,820	7,124	6,071	7,609	6,711
Office of Legal Policy .....	0	0	0	0	40	868	640	100
Department of Labor, total .....	6,745	3,543	2,775	4,287	9,209	4,970	4,513	7,264
Employment Standards Admin .....	0	0	0	75	370	294	150	10
Employment & Training Admin .....	5,479	2,812	2,058	2,790	7,724	3,961	3,741	6,905
Labor-Management Svcs Admin .....	217	363	131	1,347	177	700	608	297
Occupational Safety & Health Administration .....	0	0	0	55	231	0	0	52
Office of the Secretary .....	1,049	368	586	20	707	15	14	0
Department of State, total <sup>8</sup> .....	10,310	10,197	9,890	21,847	16,892	281	168	55
Agency for Internat'l Dvlpmt <sup>8</sup> .....	10,084	9,980	9,582	21,557	16,368	NA	NA	NA
Departmental Funds .....	226	217	308	290	524	281	168	55
Dept of Transportation, total .....	3,987	2,957	2,451	2,430	1,500	3,700	8,234	8,276
Coast Guard .....	121	143	72	80	0	200	200	270
Federal Aviation Admin .....	430	320	230	400	0	0	0	0
Federal Highway Administration .....	1,050	1,184	633	500	0	0	0	1,525
Federal Railroad Admin .....	58	15	52	0	0	0	0	0
Federal Transit Administration .....	0	0	0	0	0	0	3,049	2,417
Maritime Administration <sup>4</sup> .....	NA	NA	NA	NA	NA	NA	NA	400
National Highway Traffic Safety Administration .....	1,737	730	1,206	1,200	1,200	1,500	2,689	2,047
Office of the Secretary .....	591	565	258	250	300	0	0	0
Rsch & Special Programs Admin .....	NA	NA	NA	0	0	2,000	2,296	1,617
Department of the Treasury, total .....	0	0	0	0	0	25	40	0
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	0	0	25	40	0
Department of Veterans Affairs .....	165	0	0	932	724	601	422	200

See explanatory information, if any, and SOURCE at end of table.

**Table 20. Federal obligations to university and college performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 3 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Other agencies:								
ACTION .....	0	36	5	0	0	0	0	0
Appalachian Regional Commission .....	NA	NA	5	0	0	0	0	0
Community Services Admin .....	105	0	0	0	0	0	0	0
Consumer Product Safety Comm .....	284	646	736	127	0	36	80	0
Energy Research & Dvlpmnt Admin <sup>7</sup> ..	85,660	112,121	116,323	NA	NA	NA	NA	NA
Environmental Protection Agency .....	23,371	31,775	29,327	45,610	46,871	46,420	39,888	48,425
Federal Emergency Management Agency, total <sup>6 5</sup> .....	NA	NA	NA	NA	1,484	1,889	1,662	1,646
National Fire Prevention & Control Administration <sup>5</sup> .....	NA	NA	NA	NA	1,484	0	0	0
Federal Energy Administration .....	0	0	226	NA	NA	NA	NA	NA
Foundation for Educational Assistance .....	NA	NA	NA	NA	NA	NA	NA	22,616
International Development Cooperation Agency <sup>8</sup> .....	NA	NA	NA	NA	NA	28,322	34,502	32,754
Agency for Internat'l Dvlpmnt <sup>8</sup> .....	NA	NA	NA	NA	NA	28,322	34,502	32,754
Nat'l Aeronautics & Space Admin .....	84,959	90,717	97,836	105,059	116,298	125,296	146,104	157,152
National Science Foundation .....	368,926	419,775	428,760	504,670	534,162	612,221	680,035	697,884
Nuclear Regulatory Commission .....	328	725	2,400	4,453	7,981	6,809	5,902	8,123
Office of Personnel Management .....	NA	NA	NA	NA	0	0	210	744
Off of Telecommunications Policy .....	150	17	54	NA	NA	NA	NA	NA
Office of Thrift Supervision .....	33	4	34	183	46	0	0	0
Small Business Administration .....	0	0	47	0	0	0	0	0
Smithsonian Institution .....	1,923	1,370	848	1,795	1,994	1,224	0	0
Special Action Office for Drug Abuse Prevention .....	10,014	3,700	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority .....	94	133	108	135	171	200	0	0
United States Arms Control & Disarmament Agency .....	58	0	26	30	109	196	239	83
United States Information Agcy <sup>9</sup> .....	0	0	0	0	0	0	0	446

<sup>1</sup> Although the Agricultural Marketing Service was established in April 1972, fiscal year 1979 was the first year in which Congress appropriated funds to this agency.

<sup>2</sup> Data reported for the Economics, Statistics, & Cooperative Service include programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79.

<sup>3</sup> Data reported for the Economics & Statistics Service include programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980.

<sup>4</sup> In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

<sup>5</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

<sup>6</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

<sup>7</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>8</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>9</sup> Data reported for the United States Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

**KEY:** NA= Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 20A. Federal obligations to university and college performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 2

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	4,045,437	4,467,944	5,029,671	5,726,267	5,883,444	6,640,210	7,022,910	7,793,146
Departments:								
Department of Agriculture, total .....	252,898	272,832	259,517	292,155	272,847	279,180	304,251	326,227
Agricultural Cooperative Svc .....	254	393	642	644	486	239	239	223
Agricultural Marketing Svc <sup>1</sup> .....	65	345	177	344	94	132	256	37
Agricultural Research Service .....	30,928	34,896	23,564	16,626	9,907	10,177	11,182	24,651
Animal & Plant Health Inspection Service .....	0	0	0	0	437	431	246	517
Cooperative State Research, Education, & Extension Svc .....	208,448	223,598	223,874	263,618	248,971	251,755	275,886	283,631
Economic Research Service .....	1,494	2,551	2,397	2,800	2,108	1,496	2,332	1,689
Forest Service .....	9,773	8,557	7,065	6,624	8,246	12,606	12,872	13,460
Grain Inspection Packers & Stockyards Administration .....	0	0	0	84	174	303	94	229
Human Nutrition Information Svc ....	1,520	1,800	1,160	703	1,630	1,256	725	1,344
National Agricultural Statistics Service .....	416	692	638	640	485	268	210	276
Office of International Cooperation & Development .....	0	0	0	0	259	410	209	170
Office of Transportation .....	0	0	0	72	50	107	0	NA
Department of Commerce, total .....	45,586	47,768	47,442	50,354	51,313	33,082	31,507	38,806
Bureau of the Census .....	149	86	184	146	275	500	1,066	969
Economic Development Admin .....	0	2,745	2,926	1,900	2,000	500	72	725
Nat'l Inst of Standards & Tech .....	1,924	3,098	3,372	3,546	3,929	4,396	3,906	6,573
National Oceanic & Atmospheric Administration .....	43,513	41,839	40,960	44,762	45,109	27,686	26,463	30,539
Department of Defense, total .....	412,685	472,203	538,608	587,152	707,401	681,038	728,731	840,013
Department of the Army, total .....	83,051	90,779	100,066	117,248	126,499	121,466	99,162	87,446
Department of the Army, Civil Functions .....	1,350	1,377	1,356	1,586	1,614	1,461	1,595	1,793
Department of the Army, Military Functions .....	81,701	89,402	98,710	115,662	124,885	120,005	97,567	85,653
Department of the Navy .....	159,851	165,077	192,652	188,105	213,335	217,811	203,471	213,473
Dept of the Air Force .....	118,550	137,758	162,048	158,832	176,098	198,428	172,621	165,725
Defense Agencies .....	51,233	78,589	83,842	122,967	191,469	143,333	253,477	373,369
Department of Education .....	42,646	39,181	45,620	57,192	61,758	71,357	77,556	82,115
Department of Energy <sup>2</sup> .....	235,813	273,375	311,355	335,882	334,269	371,691	384,196	437,020
Dept of Hlth & Human Svcs, total .....	2,025,102	2,281,060	2,610,783	3,033,108	3,086,318	3,692,979	3,895,344	4,228,426
Alcohol, Drug Abuse, & Mental Health Administration .....	113,829	127,603	155,305	183,540	198,859	264,762	312,690	408,430
Centers for Disease Control & Prevention .....	7,147	5,152	7,534	6,733	7,189	11,606	10,511	22,129
Food & Drug Administration .....	4,302	3,647	5,465	3,565	4,581	5,479	5,122	5,122
Health Care Financing Admin .....	5,340	6,098	5,207	8,913	6,731	6,673	9,017	11,277
Health Resources & Svcs Admin ....	5,157	7,249	11,009	14,112	6,896	5,042	4,850	5,039
Human Development Services .....	1,726	1,049	979	1,335	1,388	1,971	2,242	2,408
National Institutes of Health .....	1,880,706	2,118,747	2,417,746	2,806,886	2,855,117	3,385,877	3,543,384	3,758,220
Office of the Assistant Secretary for Health .....	4,457	7,375	5,428	4,200	3,800	7,080	3,653	8,691
Office of the Secretary .....	1,246	3,425	1,043	2,728	852	2,793	639	3,458
Social Security Administration .....	1,192	715	1,067	1,096	905	1,696	3,236	3,652
Dept of Housing & Urban Dvlpmt .....	0	925	273	150	56	61	51	21
Department of the Interior, total .....	32,650	27,564	38,186	33,094	35,814	32,389	34,689	41,403
Bureau of Land Management .....	1,483	154	100	1,200	600	500	200	200
Bureau of Mines .....	11,338	11,710	14,683	8,218	10,692	7,491	9,763	12,648
Bureau of Reclamation .....	1,237	880	1,454	1,880	1,300	1,258	211	475
Geological Survey <sup>3</sup> .....	8,507	7,692	12,654	13,909	17,198	15,131	15,608	17,979
Minerals Management Service .....	0	840	840	566	362	311	225	197
National Park Service .....	1,657	3,137	4,060	4,276	2,914	4,498	5,548	5,111
Office of Surface Mining Reclamation & Enforcement .....	58	235	251	49	448	300	434	693
Office of Water Rsch & Tech <sup>3</sup> .....	6,370	516	1,544	NA	NA	NA	NA	NA
US Fish & Wildlife Svc .....	2,000	2,400	2,600	2,996	2,300	2,900	2,700	4,100
Department of Justice, total .....	5,966	6,475	5,967	4,308	4,970	7,022	6,026	4,538
Bureau of Prisons .....	185	630	180	180	85	97	0	0
Office of Justice Programs .....	5,573	5,755	5,787	4,128	4,875	6,925	6,026	4,538
Office of Legal Policy .....	208	90	0	0	10	0	0	0

See explanatory information, if any, and SOURCE at end of table.



**Table 20A. Federal obligations to university and college performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 2 of 2

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Department of Labor, total .....	3,843	6,392	4,516	3,372	147	337	5,471	6,378
Bureau of Labor Statistics .....	0	0	0	0	0	0	4,443	5,800
Employment Standards Admin .....	230	232	20	17	0	0	0	0
Employment & Training Admin .....	3,583	6,160	4,201	3,200	0	88	446	130
Labor-Management Relations & Cooperative Programs <sup>4</sup> .....	NA	NA	295	145	127	224	336	293
Occupational Safety & Health Administration .....	30	0	0	10	20	25	0	0
Office of the Secretary .....	0	0	0	0	0	0	43	155
Pension & Welfare Benefits Administration .....	NA	NA	0	0	0	0	203	0
Department of State .....	7	29	28	29	30	432	1,243	1,240
Dept of Transportation, total .....	6,883	8,363	3,974	3,365	1,974	3,110	10,246	10,205
Coast Guard .....	3	0	67	105	113	92	402	616
Federal Highway Administration .....	1,000	620	507	800	489	1,495	8,075	7,660
Federal Railroad Admin .....	0	0	0	0	0	356	115	50
Federal Transit Administration .....	3,480	4,363	100	48	0	0	0	0
Maritime Administration .....	649	400	845	636	389	207	65	0
National Highway Traffic Safety Administration .....	1,551	1,490	2,000	1,776	983	960	1,589	1,879
Office of the Secretary .....	0	240	0	0	0	0	0	0
Rsch & Special Programs Admin ..	200	1,250	455	0	0	0	0	0
Department of the Treasury, total .....	5	198	272	338	190	100	0	220
Bureau of Engraving & Printing .....	0	0	0	165	0	0	0	0
Internal Revenue Service .....	5	198	255	159	100	100	0	220
United States Customs Service .....	0	0	0	14	90	0	0	0
United States Secret Service .....	0	0	17	0	0	0	0	0
Department of Veterans Affairs .....	330	200	200	639	690	800	800	800
Other agencies:								
Appalachian Regional Commission .....	0	0	0	0	9	60	95	0
Consumer Product Safety Comm .....	0	0	0	0	0	27	0	0
Environmental Protection Agency .....	57,842	38,237	41,479	53,163	65,284	58,603	50,945	71,106
Federal Communications Comm .....	0	50	50	85	40	0	0	0
Federal Emergency Management Agency, total .....	1,412	201	555	258	0	0	0	0
International Development								
Cooperation Agency .....	46,000	34,666	58,724	51,077	39,458	44,357	34,545	58,750
Agency for Internat'l Dvlpmnt .....	46,000	34,666	58,724	51,077	39,458	44,357	34,545	58,750
Nat'l Aeronautics & Space Admin .....	155,852	169,681	176,887	213,421	224,834	263,024	309,685	387,128
National Science Foundation .....	713,350	783,102	880,219	1,001,806	991,694	1,096,246	1,143,436	1,253,713
Nuclear Regulatory Commission .....	6,379	5,129	4,560	4,924	3,770	4,059	3,640	4,300
Office of Thrift Supervision <sup>5</sup> .....	40	246	62	0	0	0	25	35
Tennessee Valley Authority .....	0	0	312	200	547	242	405	678
United States Arms Control & Disarmament Agency .....	148	67	82	195	31	14	23	24

<sup>1</sup> Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

<sup>2</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>3</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

<sup>4</sup> In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations & Cooperative Programs.

<sup>5</sup> In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 20B. Federal obligations to university and college performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	8,136,530	8,867,537	9,060,674	9,892,287	10,323,496	10,371,580	10,919,863	10,823,289
Departments:								
Department of Agriculture, total .....	345,621	383,896	436,110	429,130	435,315	430,853	419,407	416,869
Agricultural Cooperative Svc .....	223	2	334	297	272	NA	NA	NA
Agricultural Marketing Service .....	79	225	170	203	273	481	0	0
Agricultural Research Service <sup>1</sup> .....	30,721	19,491	21,379	20,561	23,203	24,198	25,465	25,465
Cooperative State Research, Education, & Extension Svc <sup>2</sup> .....	298,948	344,586	383,867	380,412	389,064	379,762	368,650	366,112
Economic Research Service .....	1,288	1,758	2,219	1,848	2,496	3,183	1,882	1,882
Foreign Agricultural Service <sup>3</sup> .....	0	0	0	0	195	114	355	355
Forest Service .....	12,300	16,469	26,391	24,730	19,467	22,965	22,965	22,965
Grain Inspection Packers & Stockyards Administration <sup>4</sup> .....	93	273	327	0	0	0	0	0
Human Nutrition Information Service <sup>1</sup> .....	1,531	479	917	654	230	NA	NA	NA
National Agricultural Statistics Service .....	218	263	120	265	115	145	90	90
Office of International Cooperation & Development <sup>3</sup> .....	220	350	386	160	0	NA	NA	NA
Rural Business-Cooperative Service <sup>5</sup> .....	NA	NA	NA	NA	0	5	0	0
Department of Commerce, total .....	47,367	56,386	75,898	51,941	78,503	82,475	74,452	68,153
Bureau of the Census .....	2,587	2,208	657	0	0	0	0	0
Economic Development Admin .....	130	513	194	0	113	0	0	0
Nat'l Inst of Standards & Tech .....	6,483	5,327	5,935	6,016	9,532	11,457	10,797	11,421
National Oceanic & Atmospheric Administration .....	38,167	48,338	69,112	45,925	68,858	71,018	63,655	56,732
Department of Defense, total .....	795,087	793,816	912,317	1,090,116	1,110,664	1,062,832	1,026,368	968,057
Department of the Army, total .....	84,466	87,399	97,159	96,867	96,886	95,166	98,919	93,352
Department of the Army, Civil Functions <sup>6</sup> .....	1,664	2,040	2,699	2,384	2,479	2,700	838	1,737
Department of the Army, Military Functions .....	82,802	85,359	94,460	94,483	94,407	92,466	98,081	91,615
Department of the Navy .....	226,107	253,711	262,921	255,250	236,635	248,241	236,921	236,170
Dept of the Air Force .....	181,862	135,889	131,882	181,221	206,984	167,351	157,739	158,506
Defense Agencies .....	302,652	316,817	420,355	556,778	570,159	552,074	532,789	480,029
Department of Education .....	77,582	85,948	87,411	87,911	92,825	92,122	98,685	98,481
Department of Energy .....	478,937	595,528	605,233	547,392	528,693	558,061	526,497	533,090
Dept of Hlth & Human Svcs, total .....	4,424,619	4,850,036	4,639,872	5,376,717	5,639,375	5,599,759	6,248,275	6,132,461
Administration on Aging <sup>7</sup> .....	NA	882	788	1,185	1,192	1,500	0	0
Administration for Children & Families <sup>8</sup> <sup>7</sup> .....	NA	2,265	4,961	2,600	9,183	9,856	7,304	15,419
Agency for Health Care Policy & Research <sup>9</sup> .....	20,777	48,392	48,537	53,296	55,175	50,138	22,115	26,811
Alcohol, Drug Abuse, & Mental Health Administration <sup>10</sup> .....	474,119	555,429	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	29,632	33,604	43,509	42,448	29,872	31,700	31,700	31,700
Food & Drug Administration .....	5,940	14,690	9,300	8,043	10,128	9,856	9,856	9,856
Health Care Financing Admin .....	8,369	10,700	7,240	6,066	7,359	5,838	5,200	6,605
Health Resources & Svcs Admin .....	6,265	5,381	5,668	5,397	6,799	7,229	7,197	7,116
Human Development Services <sup>7</sup> .....	2,421	NA	NA	NA	NA	NA	NA	NA
Nat'l Institutes of Health <sup>10</sup> .....	3,874,457	4,173,441	4,517,143	5,252,613	5,517,409	5,480,904	6,162,903	6,032,954
Office of the Secretary .....	539	3,783	964	3,973	877	1,499	2,000	2,000
Social Security Admin <sup>11</sup> .....	2,100	1,469	1,762	1,096	1,381	1,239	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table 20B. Federal obligations to university and college performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 2 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Dept of Housing & Urban Dvlpmt .....	16	22	102	402	716	1,294	531	370
Department of the Interior, total .....	49,398	56,674	56,419	59,188	51,961	49,311	53,645	46,304
Bureau of Land Management .....	100	3,394	2,487	3,238	0	0	0	0
Bureau of Mines .....	11,702	11,062	11,140	12,255	7,789	0	NA	NA
Bureau of Reclamation .....	281	0	315	750	213	570	300	75
Geological Survey <sup>12</sup> .....	24,659	24,519	22,398	18,338	18,764	24,570	35,940	28,280
Minerals Management Service .....	125	435	343	1,146	8,114	8,324	8,483	8,483
National Biological Svc <sup>13 12</sup> .....	NA	NA	NA	0	7,556	7,001	NA	NA
National Park Service <sup>13</sup> .....	5,646	9,124	11,983	15,249	9,525	8,846	8,922	9,466
Office of Surface Mining								
Reclamation & Enforcement .....	685	1,040	253	496	0	0	0	0
US Fish & Wildlife Svc <sup>13</sup> .....	6,200	7,100	7,500	7,716	0	0	0	0
Department of Justice, total .....	5,530	5,461	4,442	4,949	3,473	5,448	5,575	5,375
Bureau of Prisons <sup>14</sup> .....	175	0	0	40	0	0	0	0
Office of Justice Programs .....	5,355	5,461	4,442	4,909	3,473	5,448	5,575	5,375
Department of Labor, total .....	5,604	5,239	576	4,527	4,200	9,965	5,350	150
Bureau of Labor Statistics .....	4,800	5,000	0	4,400	4,000	9,321	5,100	0
Employment & Training Admin .....	764	0	500	127	200	592	250	150
Office of the Secretary .....	40	239	76	0	0	12	0	0
Pension & Welfare Benefits								
Administration .....	0	0	0	0	0	40	0	0
Department of State <sup>15</sup> .....	1,230	900	200	0	0	0	23	23
Dept of Transportation, total .....	12,483	8,356	17,054	35,719	39,607	30,536	44,590	29,898
Coast Guard .....	0	700	700	700	500	500	400	300
Federal Aviation Admin .....	0	49	0	10,663	12,681	6,180	4,226	4,730
Federal Highway Administration .....	8,603	5,739	12,878	15,107	17,390	13,303	29,894	14,808
Federal Railroad Admin .....	170	618	176	100	250	1,200	1,670	1,510
Federal Transit Admin <sup>16</sup> .....	0	0	0	3,049	2,651	2,850	2,400	2,400
Maritime Administration .....	0	250	100	100	135	503	0	150
National Highway Traffic Safety								
Administration .....	3,710	1,000	3,000	6,000	6,000	6,000	6,000	6,000
Rsch & Special Programs Admin ...	0	0	200	0	0	0	0	0
Department of the Treasury, total .....	0	0	0	25	1,142	0	557	32
Internal Revenue Service <sup>17 18</sup> .....	0	0	0	0	1,142	0	557	32
United States Customs Service .....	0	0	0	25	0	0	0	0
Department of Veterans Affairs .....	800	800	741	970	950	1,000	850	850
Other agencies:								
Appalachian Regional Commission ....	100	20	50	130	0	500	700	700
Consumer Product Safety Comm .....	41	0	0	0	0	0	0	0
Environmental Protection Agency .....	77,513	56,055	136,030	67,253	71,409	91,552	80,278	93,586
International Development								
Cooperation Agency .....	66,811	52,392	29,440	27,275	22,741	28,681	18,025	12,446
Agency for Internat'l Dvlpmt <sup>15</sup> .....	66,811	52,392	29,440	27,275	22,741	28,681	18,025	12,446

See explanatory information, if any, and SOURCE at end of table.

**Table 20B. Federal obligations to university and college performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 3 of 3

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Nat'l Aeronautics & Space Admin .....	421,815	474,414	511,782	538,975	555,371	587,589	587,589	587,589
National Science Foundation .....	1,320,920	1,435,505	1,540,404	1,561,929	1,680,208	1,733,512	1,725,596	1,823,586
Nuclear Regulatory Commission .....	4,626	5,421	5,885	4,797	6,343	6,090	2,155	3,224
Social Security Administration <sup>11</sup> .....	NA	NA	NA	NA	NA	NA	715	2,045
Tennessee Valley Authority .....	430	649	658	2,925	0	0	0	0
United States Arms Control & Disarmament Agency <sup>19</sup> .....	0	19	50	16	0	0	0	0

- <sup>1</sup> The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- <sup>2</sup> The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- <sup>3</sup> The Office of International Cooperation & Development became part of the Foreign Agricultural Service (FAS) in June 1994. Data reported for FAS include funds appropriated to International Cooperation & Development programs within FAS as of fiscal year 1994.
- <sup>4</sup> The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- <sup>5</sup> This agency's name changed from the Rural Business & Cooperative Development Service to the Rural Business-Cooperative Service on Jan. 30, 1996.
- <sup>6</sup> The Department of the Army, Civil functions (Corps of Engineers) development activities are appropriated by the Energy & Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown.
- <sup>7</sup> In fiscal year 1991 Human Development Services was replaced by the Administration for Children & Families (ACF) and by the Administration on Aging (AoA). Beginning in fiscal year 1992, data shown for the ACF are separate from obligations for the AoA.
- <sup>8</sup> Obligations reported for the Administration for Children & Families may be incomplete for fiscal year 1992 due to unavailability of data.
- <sup>9</sup> In fiscal year 1991 the Agency for Health Care Policy & Research became separate from the Office of the Assistant Secretary for Health.
- <sup>10</sup> Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- <sup>11</sup> As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- <sup>12</sup> As of FY 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- <sup>13</sup> The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- <sup>14</sup> The Bureau of Prisons was formerly listed as the Federal Prison System.
- <sup>15</sup> Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.
- <sup>16</sup> The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.
- <sup>17</sup> Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.
- <sup>18</sup> Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.
- <sup>19</sup> Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** NA= Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 21. Federal obligations to other nonprofit performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	414,163	394,676	435,434	512,163	590,851	622,643	678,446	705,197
Departments:								
Department of Agriculture, total .....	466	210	369	235	257	312	280	2,205
Agricultural Research Service .....	NA	NA	NA	NA	NA	NA	NA	1,627
Forest Service .....	188	0	67	34	47	179	95	578
Science & Education Administration .....	278	210	302	201	210	133	185	NA
Department of Commerce, total .....	1,537	1,526	2,343	2,819	4,190	4,887	2,403	2,145
Economic Development Admin .....	467	370	672	1,185	2,043	2,773	718	573
Maritime Administration <sup>1</sup> .....	0	109	263	174	191	100	0	NA
Minority Business Dvlpmt Agcy .....	75	472	229	330	0	0	0	0
National Fire Prevention & Control Administration <sup>2</sup> .....	NA	0	0	100	NA	NA	NA	NA
Nat'l Inst of Standards & Tech .....	166	162	42	193	817	0	169	132
National Oceanic & Atmospheric Administration .....	829	413	1,137	837	1,139	2,014	1,516	1,440
Department of Defense, total .....	40,497	37,037	42,947	39,202	42,651	59,177	46,702	60,689
Department of the Army, total .....	11,101	7,242	11,584	9,511	12,918	25,283	10,048	11,693
Department of the Army, Civil Functions .....	0	0	0	0	38	27	50	60
Department of the Army, Military Functions .....	11,101	7,242	11,584	9,511	12,880	25,256	9,998	11,633
Department of the Navy .....	4,443	3,617	4,031	3,917	4,954	4,782	5,221	6,374
Dept of the Air Force .....	5,371	5,735	3,194	6,508	4,678	7,560	8,764	19,095
Defense Agencies .....	18,662	20,027	23,963	18,990	18,624	21,552	22,669	23,527
Defense Civil Preparedness Agency <sup>3</sup> .....	920	416	175	276	1,477	NA	NA	NA
Department of Education .....	NA	NA	NA	NA	NA	26,697	20,691	0
Department of Energy <sup>4</sup> .....	NA	NA	NA	20,839	22,044	32,684	36,692	34,517
Department of Health, Education, & Welfare, total .....	262,350	255,625	294,223	351,522	376,677	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	30,917	19,442	17,079	26,323	23,692	NA	NA	NA
Center for Disease Control .....	2,294	5,061	5,945	4,904	3,746	NA	NA	NA
Food & Drug Administration .....	3,061	1,079	1,007	2,193	5,005	NA	NA	NA
Health Care Financing Admin .....	NA	NA	NA	1,500	970	NA	NA	NA
Health Resources Admin .....	0	517	8,320	0	0	NA	NA	NA
Health Services Administration .....	2,270	2,116	1,209	1,131	1,425	NA	NA	NA
National Inst of Education .....	2,903	1,286	4,077	7,779	10,507	NA	NA	NA
National Institutes of Health .....	204,474	217,625	237,135	278,974	298,492	NA	NA	NA
Office of Assistant Secretary for Education .....	0	475	659	962	1,178	NA	NA	NA
Office of Assistant Secretary for Health .....	0	0	0	7,774	8,623	NA	NA	NA
Office of Education .....	768	762	3,958	2,872	3,482	NA	NA	NA
Office of Human Dvlpmt Svcs .....	4,095	167	8,764	12,036	11,560	NA	NA	NA
Office of the Secretary .....	9,107	5,907	4,250	4,540	7,401	NA	NA	NA
Social & Rehabilitation Svc .....	2,461	1,188	1,786	NA	NA	NA	NA	NA
Social Security Administration .....	0	0	34	534	596	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

**Table 21. Federal obligations to other nonprofit performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 2 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	391,465	445,151	465,859
Alcohol, Drug Abuse, & Mental Health Administration .....	NA	NA	NA	NA	NA	31,877	30,932	30,927
Centers for Disease Control & Prevention .....	NA	NA	NA	NA	NA	5,021	5,209	5,219
Food & Drug Administration .....	NA	NA	NA	NA	NA	4,531	2,255	3,999
Health Care Financing Admin .....	NA	NA	NA	NA	NA	90	0	4,493
Health Resources Admin .....	NA	NA	NA	NA	NA	0	310	434
Health Services Administration .....	NA	NA	NA	NA	NA	822	832	1,306
Human Development Services .....	NA	NA	NA	NA	NA	5,760	8,298	8,071
National Institutes of Health .....	NA	NA	NA	NA	NA	331,457	386,359	401,688
Office of the Assistant Secretary for Health .....	NA	NA	NA	NA	NA	3,630	1,722	1,526
Office of the Secretary .....	NA	NA	NA	NA	NA	8,154	8,768	7,560
Social Security Administration .....	NA	NA	NA	NA	NA	123	466	636
Dept of Housing & Urban Dvlpmt .....	4,541	5,360	2,807	8,294	6,941	3,737	2,118	767
Department of the Interior, total .....	218	296	0	50	1,907	1,630	1,914	1,490
Bureau of Mines .....	155	0	0	0	800	1,000	1,000	965
National Park Service .....	18	296	0	50	178	25	157	125
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	0	929	516	278	0
Office of Water Rsch & Tech .....	45	0	0	0	0	0	0	0
US Fish & Wildlife Svc .....	0	0	0	0	0	89	479	400
Department of Justice, total .....	11,681	7,955	8,916	8,157	31,586	16,932	15,204	6,149
Bureau of Prisons .....	0	0	0	0	0	198	0	0
Drug Enforcement Admin .....	286	0	100	0	0	0	0	0
Office of Justice Programs .....	11,395	7,955	8,816	8,157	30,689	16,313	15,194	6,149
Office of Legal Policy .....	0	0	0	0	897	421	10	0
Department of Labor, total .....	2,078	1,152	1,870	1,084	5,934	3,486	11,548	7,736
Employment Standards Admin .....	0	0	0	0	216	1,330	400	177
Employment & Training Admin .....	1,516	783	1,565	884	4,804	1,981	10,229	7,144
Labor-Management Svcs Admin .....	356	0	126	200	566	175	575	357
Occupational Safety & Health Administration .....	0	0	0	0	0	0	327	58
Office of the Secretary .....	206	369	179	0	348	0	17	0
Department of State, total <sup>5</sup> .....	1,314	4,120	3,482	3,759	13,899	446	249	0
Agency for Internat'l Dvlpmt <sup>5</sup> .....	1,311	4,067	3,330	3,569	13,597	NA	NA	NA
Departmental Funds .....	3	53	152	190	302	446	249	0
Dept of Transportation, total .....	3,764	3,022	1,108	5,064	6,080	2,609	3,521	3,924
Coast Guard .....	371	200	47	0	0	0	0	0
Federal Highway Administration .....	677	705	434	1,875	1,635	1,259	1,172	1,076
Federal Transit Administration .....	34	0	0	0	0	0	540	971
Maritime Administration <sup>1</sup> .....	NA	NA	NA	NA	NA	NA	NA	500
National Highway Traffic Safety Administration .....	2,235	1,690	485	3,147	4,401	1,350	1,809	1,377
Office of the Secretary .....	447	427	142	42	44	0	0	0
Department of the Treasury, total .....	0	0	0	0	0	0	84	0
Internal Revenue Service .....	0	0	0	0	0	0	84	0
Department of Veterans Affairs .....	94	449	0	539	492	150	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table 21. Federal obligations to other nonprofit performers for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 3 of 3

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Other agencies:								
ACTION .....	17	40	25	71	217	0	0	0
Appalachian Regional Commission .....	NA	NA	0	0	0	122	0	0
Community Services Admin .....	309	214	0	990	1,941	1,793	1,225	1,887
Consumer Product Safety Comm .....	0	529	390	1,076	0	0	0	0
Energy Research & Dvlpmt Admin <sup>4</sup> .....	9,948	9,263	22,943	NA	NA	NA	NA	NA
Environmental Protection Agency .....	6,505	7,100	4,584	9,905	17,175	14,500	16,300	5,632
Federal Emergency Management Agency, total <sup>3 2</sup> .....	NA	NA	NA	NA	197	1,952	1,485	1,319
National Fire Prevention & Control Administration <sup>2</sup> .....	NA	NA	NA	NA	197	0	0	0
Foundation for Educational Assistance .....	NA	NA	NA	NA	NA	NA	NA	14,422
General Services Administration .....	556	282	28	68	122	32	33	33
International Development Cooperation Agency <sup>5</sup> .....	NA	NA	NA	NA	NA	1,195	2,560	2,157
Agency for Internat'l Dvlpmt <sup>5</sup> .....	NA	NA	NA	NA	NA	1,195	2,560	2,157
Nat'l Aeronautics & Space Admin .....	34,830	15,537	5,356	7,693	11,493	13,029	24,346	39,116
National Science Foundation .....	25,932	35,004	30,320	33,747	39,187	36,740	38,600	45,623
Nuclear Regulatory Commission .....	227	1,034	2,400	2,837	3,087	2,963	1,760	2,696
Office of Personnel Management .....	NA	NA	NA	NA	0	0	20	38
Off of Telecommunications Policy .....	0	0	197	NA	NA	NA	NA	NA
Smithsonian Institution .....	59	171	208	563	906	1,992	0	0
Special Action Office for Drug Abuse Prevention .....	850	0	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority .....	6,231	8,675	10,670	13,322	3,556	3,939	5,200	5,868
United States Arms Control & Disarmament Agency .....	159	75	248	327	312	174	360	459
United States Information Agcy <sup>6</sup> .....	0	0	0	0	0	0	0	466

<sup>1</sup> In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

<sup>2</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

<sup>3</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

<sup>4</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>5</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>6</sup> Data reported for the United States Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

**KEY:** NA= Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 21A. Federal obligations to other nonprofit performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 2

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	743,534	836,904	922,621	1,045,125	1,062,892	1,207,496	1,299,980	1,519,835
Departments:								
Department of Agriculture, total .....	2,998	2,558	1,696	5,018	5,554	4,999	6,218	8,900
Agricultural Marketing Svc <sup>1</sup> .....	0	0	0	5	50	0	0	70
Agricultural Research Service .....	737	1,340	881	2,602	1,977	837	1,780	3,273
Animal & Plant Health								
Inspection Service .....	0	0	0	0	0	42	37	49
Cooperative State Research,								
Education, & Extension Svc .....	1,278	960	681	2,262	2,582	3,535	3,999	3,899
Forest Service .....	233	158	134	149	945	585	402	1,490
Grain Inspection Packers &								
Stockyards Administration .....	0	0	0	0	0	0	0	79
Human Nutrition Information Svc ....	750	100	0	0	0	0	0	0
Office of International								
Cooperation & Development .....	0	0	0	0	0	0	0	40
Department of Commerce, total .....	11,837	2,901	5,607	3,542	3,995	6,685	6,779	2,011
Economic Development Admin .....	1,321	245	1,822	0	0	4,133	3,721	167
Nat'l Inst of Standards & Tech .....	30	556	525	250	330	274	299	166
National Oceanic & Atmospheric								
Administration .....	10,486	2,100	3,260	3,292	3,665	2,278	2,759	1,678
Department of Defense, total .....	67,468	81,517	77,111	99,229	92,125	77,619	74,259	76,157
Department of the Army, total .....	11,611	14,716	20,530	24,319	24,407	19,685	20,068	12,053
Department of the Army, Civil								
Functions .....	41	0	0	0	0	0	0	0
Department of the Army,								
Military Functions .....	11,570	14,716	20,530	24,319	24,407	19,685	20,068	12,053
Department of the Navy .....	7,100	9,831	6,063	21,447	24,438	16,063	10,658	21,478
Dept of the Air Force .....	20,225	21,602	25,255	26,045	25,044	21,597	22,458	21,266
Defense Agencies .....	28,532	35,368	25,263	27,418	18,236	20,274	21,075	21,360
Department of Education .....	13,020	21,421	14,877	14,408	15,493	14,720	14,531	18,444
Department of Energy <sup>2</sup> .....	26,714	26,498	27,342	44,258	36,669	46,947	65,586	90,777
Dept of Hlth & Human Svcs, total .....	490,220	546,065	604,747	682,188	687,588	826,287	916,551	1,018,546
Alcohol, Drug Abuse, & Mental								
Health Administration .....	32,265	24,740	31,906	30,446	29,686	34,153	54,415	62,186
Centers for Disease Control &								
Prevention .....	6,364	14,109	20,605	1,804	1,121	5,328	11,808	18,766
Food & Drug Administration .....	3,999	3,411	1,949	1,991	256	581	2,089	2,089
Health Care Financing Admin .....	7,697	12,385	6,028	11,304	9,624	8,509	9,749	20,972
Health Resources & Svcs Admin ....	180	1,711	2,315	1,418	2,225	1,429	986	1,055
Human Development Services .....	3,194	2,579	1,462	1,741	1,689	2,379	2,650	4,208
National Institutes of Health .....	430,155	477,981	533,595	624,225	637,215	766,528	826,665	899,143
Office of the Assistant								
Secretary for Health .....	513	1,390	384	1,296	1,487	1,383	1,532	1,839
Office of the Secretary .....	5,670	7,452	5,953	4,336	2,662	1,709	866	1,027
Social Security Administration .....	183	307	550	3,627	1,623	4,288	5,791	7,261
Dept of Housing & Urban Dvlpmt .....	918	3,856	78	1,010	595	730	341	293
Department of the Interior, total .....	2,047	683	1,797	274	234	207	156	90
Bureau of Land Management .....	195	0	0	0	0	0	0	0
Bureau of Mines .....	1,774	628	1,660	0	0	0	0	0
Geological Survey <sup>3</sup> .....	0	0	0	266	219	205	0	0
Minerals Management Service .....	0	0	0	0	0	0	55	53
National Park Service .....	78	55	137	8	15	2	31	31
Office of the Secretary .....	0	0	0	0	0	0	70	0
Office of Surface Mining								
Reclamation & Enforcement .....	0	0	0	0	0	0	0	6
Department of Justice, total .....	7,703	10,342	8,278	11,835	11,623	7,306	5,419	5,786
Bureau of Prisons .....	288	170	530	430	0	290	269	300
Office of Justice Programs .....	7,317	10,172	7,748	11,405	11,593	7,016	5,150	5,486
Office of Legal Policy .....	98	0	0	0	30	0	0	0

See explanatory information, if any, and SOURCE at end of table.



**Table 21A. Federal obligations to other nonprofit performers for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 2 of 2

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Department of Labor, total .....	3,085	445	0	159	470	1,729	3,472	3,258
Employment Standards Admin .....	0	0	0	9	0	0	0	0
Employment & Training Admin .....	3,085	445	0	0	470	1,559	2,186	2,648
Office of the Secretary .....	0	0	0	150	0	170	392	70
Pension & Welfare Benefits Administration .....	NA	NA	0	0	0	0	894	540
Department of State .....	14	0	40	20	15	2,171	2,619	3,104
Dept of Transportation, total .....	3,064	2,896	2,176	10,027	7,136	6,672	7,928	5,925
Coast Guard .....	0	0	47	792	50	0	0	0
Federal Highway Administration .....	1,100	1,000	105	0	326	804	959	497
Federal Railroad Admin .....	0	40	819	6,530	6,361	5,468	4,546	3,183
Federal Transit Administration .....	611	854	100	72	0	0	0	0
Maritime Administration .....	400	0	5	472	340	0	0	0
National Highway Traffic Safety Administration .....	953	1,002	1,100	2,161	59	400	2,423	2,245
Department of the Treasury, total .....	0	260	0	0	20	0	0	0
United States Secret Service .....	0	260	0	0	20	0	0	0
Department of Veterans Affairs .....	440	1,938	662	391	618	424	500	565
Other agencies:								
Environmental Protection Agency .....	14,470	5,052	6,962	17,042	14,565	18,945	23,022	20,551
Federal Emergency Management Agency, total .....	791	117	571	258	0	0	0	0
International Development Cooperation Agency .....	6,323	27,078	48,446	34,675	41,801	42,391	22,477	88,957
Agency for Internat'l Dvlpmt .....	6,323	27,078	48,446	34,675	41,801	42,391	22,477	88,957
Nat'l Aeronautics & Space Admin .....	47,781	56,525	54,188	44,042	61,182	61,518	60,811	79,747
National Science Foundation .....	39,379	41,644	59,648	68,714	76,308	82,371	84,682	94,647
Nuclear Regulatory Commission .....	2,253	3,163	6,155	5,658	4,656	3,620	2,244	1,850
Tennessee Valley Authority .....	2,734	1,900	2,200	2,277	2,222	2,150	2,295	227
United States Arms Control & Disarmament Agency .....	275	45	40	100	23	5	90	0

<sup>1</sup> Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

<sup>2</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>3</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 21B. Federal obligations to other nonprofit performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 2

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	1,660,002	1,925,885	2,049,647	2,041,313	2,094,886	2,056,107	2,100,973	2,199,887
Departments:								
Department of Agriculture, total .....	8,788	10,670	11,334	12,604	11,468	11,942	14,277	7,073
Agricultural Marketing Service .....	89	0	0	0	0	0	0	0
Agricultural Research Service <sup>1</sup> .....	3,307	2,589	3,544	3,822	3,893	3,578	5,917	2,503
Cooperative State Research, Education, & Extension Svc <sup>2</sup> .....	5,322	7,007	6,783	7,501	6,525	6,965	6,961	3,171
Forest Service .....	45	1,074	1,007	921	1,050	1,369	1,369	1,369
Grain Inspection Packers & Stockyards Administration <sup>3</sup> .....	25	0	0	0	0	0	0	0
Human Nutrition Information Service <sup>1</sup> .....	0	0	0	360	0	NA	NA	NA
National Agricultural Statistics Service .....	0	0	0	0	0	30	30	30
Department of Commerce, total .....	480	1,785	3,666	501	1,957	2,509	3,829	4,444
Economic Development Admin .....	59	46	110	0	301	50	290	870
Nat'l Inst of Standards & Tech .....	258	1,577	3,450	501	694	1,843	2,122	1,837
National Oceanic & Atmospheric Administration .....	163	162	106	0	962	616	1,417	1,737
Department of Defense, total .....	85,076	52,137	73,726	78,883	79,704	77,735	81,268	77,689
Department of the Army, total .....	14,882	14,917	19,634	9,243	5,769	8,626	13,691	11,452
Department of the Army, Military Functions .....	14,882	14,917	19,634	9,243	5,769	8,626	13,691	11,452
Department of the Navy .....	33,687	10,808	13,131	28,945	30,764	28,885	27,188	27,789
Dept of the Air Force .....	20,762	8,628	15,801	7,034	9,076	9,280	13,291	12,503
Defense Agencies .....	15,745	17,784	25,160	33,661	34,095	30,944	27,098	25,945
Department of Education .....	23,382	28,884	23,702	29,048	25,965	29,924	25,262	26,701
Department of Energy .....	109,043	151,756	128,945	148,458	51,250	53,857	42,296	49,561
Dept of Hlth & Human Svcs, total .....	1,098,519	1,197,521	1,253,907	1,366,146	1,432,925	1,389,881	1,440,310	1,551,779
Administration on Aging <sup>4</sup> .....	NA	1,793	1,350	1,138	850	1,160	0	0
Administration for Children & Families <sup>5</sup> <sup>4</sup> .....	NA	9,295	23,657	15,070	996	1,075	830	1,752
Agency for Health Care Policy & Research <sup>6</sup> .....	3,360	13,190	17,101	21,196	23,873	27,539	12,500	15,154
Alcohol, Drug Abuse, & Mental Health Administration <sup>7</sup> .....	84,822	98,059	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	22,057	22,179	22,940	12,424	9,895	8,645	8,645	8,645
Food & Drug Administration .....	990	6,199	4,279	5,577	5,769	6,674	6,674	6,674
Health Care Financing Admin .....	25,283	36,555	35,769	31,222	27,267	19,199	13,928	10,173
Health Resources & Svcs Admin .....	2,159	0	1,496	1,242	1,283	2,500	2,489	2,461
Human Development Services <sup>4</sup> .....	2,462	NA	NA	NA	NA	NA	NA	NA
Nat'l Institutes of Health <sup>7</sup> .....	952,151	1,006,566	1,139,968	1,277,681	1,358,257	1,318,880	1,393,744	1,505,420
Office of the Secretary .....	761	1,469	996	577	2,177	2,183	1,500	1,500
Social Security Admin <sup>8</sup> .....	4,474	2,216	6,351	19	2,558	2,026	NA	NA
Dept of Housing & Urban Dvlpmt .....	111	141	1,080	651	4,118	4,890	1,923	3,608
Department of the Interior, total .....	253	1,533	972	381	966	595	271	155
Bureau of Mines .....	0	0	0	0	337	0	NA	NA
Bureau of Reclamation .....	107	0	225	184	272	345	165	0
Geological Survey <sup>9</sup> .....	0	1,378	607	58	0	0	0	0
Minerals Management Service .....	5	105	25	0	105	0	10	10
National Biological Svc <sup>10</sup> <sup>9</sup> .....	NA	NA	NA	0	205	205	NA	NA
National Park Service <sup>10</sup> .....	141	50	115	139	47	45	96	145
Department of Justice, total .....	8,616	10,392	8,819	14,691	16,822	13,733	16,445	22,160
Bureau of Prisons <sup>11</sup> .....	0	0	500	0	0	0	0	0
Immigration & Naturalization Service .....	0	0	360	360	360	360	360	360
Office of Justice Programs .....	8,616	10,392	7,959	14,331	16,462	13,373	16,085	21,800
Department of Labor, total .....	1,836	1,880	1,905	668	507	1,761	975	984
Employment & Training Admin .....	1,756	1,500	1,399	642	432	1,075	950	734
Office of the Secretary .....	80	380	506	26	75	26	25	250
Pension & Welfare Benefits Administration .....	0	0	0	0	0	660	0	0
Department of State <sup>12</sup> .....	3,148	4,541	4,871	4,748	7,803	4,484	3,680	3,680

See explanatory information, if any, and SOURCE at end of table.

**Table 21B. Federal obligations to other nonprofit performers for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 2 of 2

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Dept of Transportation, total .....	4,710	5,511	9,855	11,293	11,544	33,196	32,596	26,011
Federal Highway Administration .....	230	375	5,224	4,016	5,080	22,479	24,596	18,452
Federal Railroad Admin .....	2,598	3,535	2,665	5,616	2,757	5,340	5,400	5,084
Federal Transit Admin <sup>13</sup> .....	0	0	0	0	2,336	4,106	1,600	1,300
Maritime Administration .....	0	0	0	0	303	242	0	175
National Highway Traffic Safety Administration .....	1,882	1,601	1,966	1,661	1,068	1,029	1,000	1,000
Other agencies:								
Appalachian Regional Commission .....	40	0	0	0	0	0	0	0
Environmental Protection Agency .....	12,475	23,483	59,683	0	84,002	30,000	26,306	30,667
International Development Cooperation Agency .....	121,928	220,584	208,804	144,056	112,439	141,698	135,155	111,202
Agency for Internat'l Dvlpmnt <sup>12</sup> .....	121,928	220,584	208,804	144,056	112,439	141,698	135,155	111,202
Nat'l Aeronautics & Space Admin .....	78,761	98,748	111,830	124,020	118,517	120,543	129,983	127,469
National Science Foundation .....	98,048	112,296	141,401	102,327	128,818	138,209	143,393	155,624
Nuclear Regulatory Commission .....	2,355	1,625	2,696	2,783	6,056	1,150	559	390
Social Security Administration <sup>8</sup> .....	NA	NA	NA	NA	NA	NA	2,445	690
Tennessee Valley Authority .....	2,433	2,398	2,451	0	0	0	0	0
United States Arms Control & Disarmament Agency <sup>14</sup> .....	0	0	0	55	25	0	0	0

- 1 The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- 2 The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- 3 The Federal Grain Inspection Service was abolished on Oct. 20, 1994, and its functions were assumed by the Grain Inspection Packers & Stockyards Administration.
- 4 In fiscal year 1991 Human Development Services was replaced by the Administration for Children & Families (ACF) and by the Administration on Aging (AoA). Beginning in fiscal year 1992, data shown for the ACF are separate from obligations for the AoA.
- 5 Obligations reported for the Administration for Children & Families may be incomplete for fiscal year 1992 due to unavailability of data.
- 6 In fiscal year 1991 the Agency for Health Care Policy & Research became separate from the Office of the Assistant Secretary for Health.
- 7 Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- 8 As of Mar. 31, 1995, the Social Security Administration became an independent agency; it is no longer part of the Department of Health & Human Services.
- 9 As of FY 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- 10 The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- 11 The Bureau of Prisons was formerly listed as the Federal Prison System.
- 12 Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.
- 13 The name of this agency changed from the Urban Mass Transit Administration to the Federal Transit Administration on Dec. 18, 1991.
- 14 Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 22. Federal obligations to FFRDCs administered by industrial firms  
for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 1

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	98,209	135,701	176,509	192,169	235,173	244,980	311,031	351,344
Department of Commerce, total .....	0	0	150	0	0	0	0	50
Economic Development Admin .....	0	0	150	0	0	0	0	0
National Oceanic & Atmospheric Administration .....	0	0	0	0	0	0	0	50
Department of Defense, total .....	392	1,314	563	442	1,342	2,155	3,606	50,196
Department of the Army, total .....	14	0	0	37	0	0	0	0
Department of the Army, Military Functions .....	14	0	0	37	0	0	0	0
Department of the Navy .....	0	0	0	0	0	0	0	44,312
Defense Agencies .....	259	1,238	531	405	1,260	2,155	3,606	5,884
Defense Civil Preparedness Agency <sup>1</sup> .....	119	76	32	0	82	NA	NA	NA
Department of Energy <sup>2</sup> .....	NA	NA	NA	116,199	130,382	129,451	168,377	156,765
Department of Health, Education, & Welfare, total .....	0	20,640	29,792	16,021	25,164	NA	NA	NA
National Institutes of Health .....	0	20,640	29,792	16,021	25,164	NA	NA	NA
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	23,318	21,353	18,641
National Institutes of Health .....	NA	NA	NA	NA	NA	23,318	21,353	18,641
Department of the Interior, total .....	0	0	0	0	193	0	0	58
National Park Service .....	0	0	0	0	0	0	0	58
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	0	193	0	0	0
Department of State, total <sup>3</sup> .....	0	0	0	0	45	0	0	0
Agency for Internat'l Dvlpmnt <sup>3</sup> .....	0	0	0	0	45	NA	NA	NA
Other agencies:								
Energy Research & Dvlpmnt Admin <sup>2</sup> ...	59,547	67,000	90,757	NA	NA	NA	NA	NA
Federal Emergency Management Agency, total <sup>1 4</sup> .....	NA	NA	NA	NA	0	0	0	85
Nat'l Aeronautics & Space Admin .....	146	39	0	0	0	0	0	0
National Science Foundation .....	2,905	2,227	2,127	397	1,674	1,997	1,754	1,664
Nuclear Regulatory Commission .....	35,136	44,411	52,970	59,110	76,373	88,059	115,941	123,885
Smithsonian Institution .....	3	0	0	0	0	0	0	0
United States Arms Control & Disarmament Agency .....	80	70	150	0	0	0	0	0

<sup>1</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

<sup>2</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>3</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>4</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

**KEY:** FFRDCs = Federally funded research and development centers  
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 22A. Federal obligations to FFRDCs administered by industrial firms  
for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 1

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	487,348	522,649	496,463	485,892	482,068	433,532	455,208	604,329
Departments:								
Department of Agriculture, total .....	100	0	0	0	0	0	0	0
Cooperative State Research, Education, & Extension Svc .....	100	0	0	0	0	0	0	0
Department of Defense, total .....	82,546	88,146	63,387	68,459	69,975	68,813	73,881	64,906
Department of the Army, total .....	15	183	1,126	3,346	12,047	11,193	10,472	5,761
Department of the Army, Military Functions .....	15	183	1,126	3,346	12,047	11,193	10,472	5,761
Department of the Navy .....	74,643	76,787	52,639	60,235	46,980	42,746	42,928	46,919
Dept of the Air Force .....	0	245	318	268	358	313	448	288
Defense Agencies .....	7,888	10,931	9,304	4,610	10,590	14,561	20,033	11,938
Department of Energy <sup>1</sup> .....	249,687	283,692	304,362	312,116	323,579	306,239	323,422	393,782
Dept of Hlth & Human Svcs, total .....	19,949	30,605	28,305	25,542	25,774	6,209	13,049	97,758
National Institutes of Health .....	19,949	30,605	28,305	25,542	25,774	6,209	13,049	97,758
Department of the Interior, total .....	310	3,050	2,900	5,491	3,850	3,849	3,604	3,675
Bureau of Mines .....	0	2,850	2,700	5,391	3,800	3,760	3,550	3,550
Geological Survey <sup>2</sup> .....	200	0	0	0	0	0	0	0
Minerals Management Service .....	0	200	200	100	50	89	54	125
National Park Service .....	110	0	0	0	0	0	0	0
Department of State .....	83	0	0	51	59	0	0	0
Dept of Transportation, total .....	0	0	0	151	0	0	0	49
Federal Highway Administration .....	0	0	0	151	0	0	0	49
Department of the Treasury, total .....	0	0	0	55	0	0	0	0
Bureau of Engraving & Printing .....	0	0	0	55	0	0	0	0
Other agencies:								
Federal Emergency Management Agency, total .....	0	30	0	0	0	0	0	0
National Science Foundation .....	2,405	1,768	1,109	1,497	2,105	1,701	868	511
Nuclear Regulatory Commission .....	132,218	115,323	96,400	72,450	56,631	46,681	40,359	43,623
United States Arms Control & Disarmament Agency .....	50	35	0	80	95	40	25	25

<sup>1</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>2</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

**KEY:** FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 22B. Federal obligations to FFRDCs administered by industrial firms  
for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 1

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	614,285	709,570	684,860	799,251	737,194	817,994	877,683	1,005,509
Departments:								
Department of Agriculture, total .....	0	2	18	13	0	0	0	0
National Agricultural Statistics Service .....	0	2	18	13	0	0	0	0
Department of Commerce, total .....	25	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration .....	25	0	0	0	0	0	0	0
Department of Defense, total .....	31,093	38,816	37,635	44,277	11,561	19,205	11,448	9,050
Department of the Army, total .....	6,596	2,553	3,621	5,192	1,539	3,465	748	763
Department of the Army, Military Functions .....	6,596	2,553	3,621	5,192	1,539	3,465	748	763
Department of the Navy .....	14,316	14,739	17,175	1,359	94	0	0	0
Dept of the Air Force .....	0	1,029	470	291	779	368	777	747
Defense Agencies .....	10,181	20,495	16,369	37,435	9,149	15,372	9,923	7,540
Department of Energy .....	413,741	527,037	489,951	612,753	576,222	645,370	651,959	770,198
Dept of Hlth & Human Svcs, total .....	125,469	99,081	106,721	95,886	112,633	122,008	189,333	202,290
Nat'l Institutes of Health <sup>1</sup> .....	125,469	99,081	106,721	95,886	112,633	122,008	189,333	202,290
Department of the Interior, total .....	3,741	3,648	3,015	1,872	1,738	85	20	20
Bureau of Mines .....	3,586	3,558	2,933	1,706	1,288	0	NA	NA
Minerals Management Service .....	155	90	82	166	450	85	20	20
Department of Justice, total .....	0	200	0	0	0	0	0	0
Drug Enforcement Admin .....	0	200	0	0	0	0	0	0
Dept of Transportation, total .....	0	150	2,673	3,943	2,252	400	1,644	691
Federal Aviation Admin .....	0	0	0	0	0	0	120	135
Federal Highway Administration .....	0	150	1,727	3,943	2,252	400	1,524	556
National Highway Traffic Safety Administration .....	0	0	946	0	0	0	0	0
Other agencies:								
National Science Foundation .....	363	716	434	453	0	10	8	10
Nuclear Regulatory Commission .....	39,853	39,920	44,313	40,054	32,788	30,916	23,271	23,250
United States Arms Control & Disarmament Agency <sup>2</sup> .....	0	0	100	0	0	0	0	0

<sup>1</sup> Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

<sup>2</sup> Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** FFRDCs = Federally funded research and development centers  
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 23. Federal obligations to FFRDCs administered by universities and colleges  
for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 1

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	373,966	425,512	548,278	670,304	714,850	800,601	851,155	940,602
Department of Commerce, total .....	0	73	207	1,131	126	270	383	623
National Fire Prevention & Control Administration <sup>1</sup> .....	NA	0	0	310	NA	NA	NA	NA
National Oceanic & Atmospheric Administration .....	0	73	207	821	126	270	383	623
Department of Defense, total .....	39,568	45,501	43,347	80,698	53,141	65,161	55,327	64,780
Department of the Army, total .....	431	2,191	102	195	2,236	1,729	2,685	1,439
Department of the Army, Military Functions .....	431	2,191	102	195	2,236	1,729	2,685	1,439
Department of the Navy .....	15,905	12,875	18,210	60,411	13,594	16,721	2,579	4,808
Dept of the Air Force .....	564	212	744	1,121	19,600	19,760	0	0
Defense Agencies .....	22,668	30,223	24,291	18,971	17,711	26,951	50,063	58,533
Department of Energy <sup>2</sup> .....	NA	NA	NA	485,152	551,383	598,513	651,885	719,801
Department of Health, Education, & Welfare, total .....	3,451	3,843	4,840	5,408	7,086	NA	NA	NA
Health Resources Admin .....	500	0	0	0	0	NA	NA	NA
National Institutes of Health .....	2,951	3,843	4,840	5,408	7,086	NA	NA	NA
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	9,037	10,380	13,461
National Institutes of Health .....	NA	NA	NA	NA	NA	9,037	10,380	13,461
Department of the Interior, total .....	0	5	0	0	156	220	107	1,412
Bureau of Mines .....	0	0	0	0	0	150	100	85
Geological Survey .....	0	5	0	0	0	0	0	931
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	0	156	0	0	0
US Fish & Wildlife Svc .....	0	0	0	0	0	70	7	396
Department of Labor, total .....	349	264	130	25	3	35	0	0
Employment Standards Admin .....	0	0	0	0	3	10	0	0
Office of the Secretary .....	349	264	130	25	0	25	0	0
Department of State, total <sup>3</sup> .....	0	0	0	0	0	0	20	0
Departmental Funds .....	0	0	0	0	0	0	20	0
Dept of Transportation, total .....	319	109	10	0	0	0	0	200
Coast Guard .....	0	0	0	0	0	0	0	200
Federal Transit Administration .....	170	57	10	0	0	0	0	0
Office of the Secretary .....	149	52	0	0	0	0	0	0
Department of the Treasury, total .....	0	0	0	0	0	28	26	0
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	0	0	28	26	0
Other agencies:								
Energy Research & Dvlpmt Admin <sup>2</sup> ...	269,627	296,942	417,680	NA	NA	NA	NA	NA
Federal Emergency Management Agency, total <sup>4</sup> .....	NA	NA	NA	NA	297	0	0	264
National Fire Prevention & Control Administration <sup>1</sup> .....	NA	NA	NA	NA	297	0	0	0
Nat'l Aeronautics & Space Admin .....	14,969	32,264	25,118	27,907	27,668	35,081	47,027	35,422
National Science Foundation .....	44,266	40,143	45,446	47,768	53,474	67,364	58,890	71,169
Nuclear Regulatory Commission .....	1,417	6,368	11,500	22,205	21,354	24,696	26,688	33,186
United States Arms Control & Disarmament Agency .....	0	0	0	10	162	196	422	284

<sup>1</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

<sup>2</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>3</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>4</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

**KEY:** FFRDCs = Federally funded research and development centers  
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 23A. Federal obligations to FFRDCs administered by universities and colleges  
for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 1

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	1,056,701	1,250,051	1,335,922	1,421,290	1,291,695	1,471,042	1,564,827	1,703,426
Departments:								
Department of Agriculture, total .....	105	65	120	55	165	210	0	503
Cooperative State Research, Education, & Extension Svc .....	105	65	120	55	165	210	0	493
Grain Inspection Packers & Stockyards Administration .....	0	0	0	0	0	0	0	10
Department of Commerce, total .....	802	834	597	474	1,730	257	192	107
Nat'l Inst of Standards & Tech .....	0	52	257	124	84	72	111	107
National Oceanic & Atmospheric Administration .....	802	782	340	350	1,646	185	81	0
Department of Defense, total .....	73,464	81,801	76,853	84,593	81,549	99,058	80,748	95,799
Department of the Army, total .....	2,318	3,297	4,374	11,195	9,952	6,609	6,400	13,357
Department of the Army, Military Functions .....	2,318	3,297	4,374	11,195	9,952	6,609	6,400	13,357
Department of the Navy .....	764	3,570	2,480	7,949	4,434	7,041	7,044	4,405
Dept of the Air Force .....	2,032	2,782	3,129	3,048	2,564	4,354	3,770	2,159
Defense Agencies .....	68,350	72,152	66,870	62,401	64,599	81,054	63,534	75,878
Department of Energy <sup>1</sup> .....	807,356	951,116	1,010,920	1,049,467	914,857	981,182	1,057,261	1,144,557
Dept of Hlth & Human Svcs, total .....	14,528	15,867	16,828	20,024	22,743	24,277	24,870	25,318
Alcohol, Drug Abuse, & Mental Health Administration .....	79	75	0	104	107	123	207	0
National Institutes of Health .....	14,449	15,792	16,828	19,920	22,636	24,154	24,663	25,318
Department of the Interior, total .....	57	40	0	195	0	204	0	0
Bureau of Mines .....	57	0	0	0	0	204	0	0
Geological Survey <sup>2</sup> .....	0	40	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement .....	0	0	0	195	0	0	0	0
Department of Labor, total .....	300	0	0	0	0	0	0	0
Employment & Training Admin .....	300	0	0	0	0	0	0	0
Dept of Transportation, total .....	12	362	225	0	245	325	87	100
Coast Guard .....	12	362	25	0	0	0	0	0
Federal Highway Administration .....	0	0	0	0	245	0	32	0
Maritime Administration .....	0	0	200	0	0	0	0	0
National Highway Traffic Safety Administration .....	0	0	0	0	0	325	55	100
Department of the Treasury, total .....	0	0	0	50	0	69	0	175
Bureau of Engraving & Printing .....	0	0	0	50	0	69	0	175
Other agencies:								
Environmental Protection Agency .....	0	0	117	566	102	177	126	162
Federal Emergency Management Agency, total .....	935	604	1,789	833	0	0	0	0
Nat'l Aeronautics & Space Admin .....	55,285	91,725	105,452	154,256	163,449	251,436	290,739	319,313
Nat'l Archives & Records Admin <sup>3</sup> .....	NA	NA	NA	0	0	0	130	0
National Science Foundation .....	72,050	74,689	90,214	85,240	81,428	88,675	88,618	95,270
Nuclear Regulatory Commission .....	31,771	32,858	32,632	25,337	23,702	25,117	22,036	22,047
United States Arms Control & Disarmament Agency .....	36	90	175	200	225	55	20	75
United States Information Agency .....	0	0	0	0	1,500	0	0	0

<sup>1</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>2</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

<sup>3</sup> As of 1985 the National Archives & Records Administration is separate from the General Services Administration.

**NOTE:** In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

**KEY:** FFRDCs = Federally funded research and development centers  
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997



**Table 23B. Federal obligations to FFRDCs administered by universities and colleges  
for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 1

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	1,791,542	2,160,921	2,351,777	2,299,421	2,181,119	2,235,646	2,085,714	2,131,096
Department of Commerce, total .....	100	135	153	19	430	129	183	188
Nat'l Inst of Standards & Tech .....	100	135	153	19	420	129	133	138
National Oceanic & Atmospheric Administration .....	0	0	0	0	10	0	50	50
Department of Defense, total .....	76,923	77,416	70,266	116,291	73,081	70,444	57,904	68,771
Department of the Army, total .....	7,338	7,328	20,850	8,500	4,555	2,697	607	1,337
Department of the Army, Military Functions .....	7,338	7,328	20,850	8,500	4,555	2,697	607	1,337
Department of the Navy .....	6,986	5,692	6,828	2,827	2,698	3,726	2,821	2,561
Dept of the Air Force .....	0	684	776	713	1,100	4,869	4,360	4,610
Defense Agencies .....	62,599	63,712	41,812	104,251	64,728	59,152	50,116	60,263
Department of Energy .....	1,148,049	1,478,460	1,663,054	1,604,572	1,594,579	1,542,255	1,471,380	1,534,190
Dept of Hlth & Human Svcs, total .....	25,473	25,164	20,926	23,497	23,650	22,731	17,207	20,415
Alcohol, Drug Abuse, & Mental Health Administration <sup>1</sup> .....	202	632	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	0	0	0	0	0	237	237	237
Nat'l Institutes of Health <sup>1</sup> .....	25,271	24,532	20,926	23,497	23,650	22,494	16,970	20,178
Department of the Interior, total .....	0	0	0	0	215	610	350	350
Minerals Management Service .....	0	0	0	0	140	530	350	350
National Park Service <sup>2</sup> .....	0	0	0	0	75	80	0	0
Department of State <sup>3</sup> .....	0	0	0	15	15	23	41	41
Dept of Transportation, total .....	0	0	0	1,300	1,589	19,064	1,811	2,177
Federal Aviation Admin .....	0	0	0	0	1,478	3,115	1,811	2,027
Federal Highway Administration .....	0	0	0	1,300	111	15,949	0	150
Department of the Treasury, total .....	227	229	85	135	167	1,496	116	49
Bureau of Engraving & Printing .....	227	229	85	135	167	184	116	49
Internal Revenue Service <sup>4 5</sup> .....	0	0	0	0	0	1,312	0	0
Other agencies:								
Environmental Protection Agency .....	0	75	189	0	0	0	0	0
Nat'l Aeronautics & Space Admin .....	418,100	449,548	451,228	415,933	347,861	421,913	390,298	346,847
Nat'l Archives & Records Admin .....	20	100	0	0	0	0	0	0
National Science Foundation .....	106,087	111,305	124,293	118,861	125,648	140,883	135,621	145,402
Nuclear Regulatory Commission .....	16,538	18,439	21,533	18,798	13,884	16,098	10,803	12,666
United States Arms Control & Disarmament Agency <sup>6</sup> .....	25	50	50	0	0	0	0	0

<sup>1</sup> Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

<sup>2</sup> The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

<sup>3</sup> Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.

<sup>4</sup> Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.

<sup>5</sup> Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.

<sup>6</sup> Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** FFRDCs = Federally funded research and development centers  
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 24. Federal obligations to FFRDCs administered by other nonprofit institutions  
for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 2

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Total, all agencies .....	50,763	64,816	57,498	55,552	66,926	73,352	71,719	67,704
Departments:								
Department of Agriculture, total .....	196	101	68	173	0	0	0	0
Forest Service .....	196	101	68	173	0	0	0	0
Department of Commerce, total .....	100	38	100	0	0	0	163	94
Maritime Administration <sup>1</sup> .....	100	0	0	0	0	0	0	NA
National Oceanic & Atmospheric Administration .....	0	38	100	0	0	0	163	94
Department of Defense, total .....	19,110	21,043	13,405	14,553	13,519	13,800	12,577	13,877
Department of the Army, total .....	29	0	102	0	230	440	1,555	980
Department of the Army, Military Functions .....	29	0	102	0	230	440	1,555	980
Department of the Navy .....	469	504	578	714	766	1,160	1,820	1,633
Dept of the Air Force .....	0	0	0	0	0	35	35	600
Defense Agencies .....	18,490	20,388	12,662	13,774	12,254	12,165	9,167	10,664
Defense Civil Preparedness Agency <sup>2</sup> .....	122	151	63	65	269	NA	NA	NA
Department of Education .....	NA	NA	NA	NA	NA	280	0	0
Department of Energy <sup>3</sup> .....	NA	NA	NA	30,951	40,415	44,031	45,537	32,053
Department of Health, Education, & Welfare, total .....	2,230	3,166	3,381	1,939	1,413	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	57	69	339	0	250	NA	NA	NA
Health Resources Admin .....	387	220	0	0	0	NA	NA	NA
National Institutes of Health .....	1,786	2,877	2,510	1,939	1,163	NA	NA	NA
Office of Assistant Secretary for Education .....	0	0	303	0	0	NA	NA	NA
Social Security Administration .....	0	0	229	0	0	NA	NA	NA
Dept of Hlth & Human Svcs, total .....	NA	NA	NA	NA	NA	1,204	600	1,523
National Institutes of Health .....	NA	NA	NA	NA	NA	1,204	600	1,523
Dept of Housing & Urban Dvlpmnt .....	6,324	5,195	7,487	0	0	0	0	0
Department of the Interior, total .....	0	0	0	0	0	113	115	171
Bonneville Power Admin .....	0	0	0	0	0	0	0	71
Bureau of Mines .....	0	0	0	0	0	100	100	50
US Fish & Wildlife Svc .....	0	0	0	0	0	13	15	50
Department of Justice, total .....	375	1,151	1,467	0	290	0	0	0
Drug Enforcement Admin .....	375	200	0	0	0	0	0	0
Office of Justice Programs .....	0	951	1,467	0	290	0	0	0
Department of Labor, total .....	100	3	0	0	0	0	0	0
Office of the Secretary .....	100	3	0	0	0	0	0	0
Department of State, total <sup>4</sup> .....	162	304	89	0	0	69	0	0
Agency for Internat'l Dvlpmnt <sup>4</sup> .....	0	221	0	0	0	NA	NA	NA
Departmental Funds .....	162	83	89	0	0	69	0	0
Dept of Transportation, total .....	55	57	90	0	0	0	0	0
Federal Aviation Admin .....	55	57	90	0	0	0	0	0
Department of the Treasury, total .....	0	0	0	350	364	311	31	50
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	350	364	311	31	50

See explanatory information, if any, and SOURCE at end of table.

**Table 24. Federal obligations to FFRDCs administered by other nonprofit institutions  
for research, by agency:  
fiscal years 1974-81**

[Dollars in thousands]

Page 2 of 2

Agency	1974	1975	1976	1977	1978	1979	1980	1981
Other agencies:								
Energy Research & Dvlpmt Admin <sup>3</sup> ....	16,515	23,079	22,194	NA	NA	NA	NA	NA
Environmental Protection Agency .....	550	800	307	685	1,381	1,350	0	0
Federal Emergency Management Agency, total <sup>2 5</sup> .....	NA	NA	NA	NA	0	125	100	148
International Development Cooperation Agency <sup>4</sup> .....	NA	NA	NA	NA	NA	207	241	0
Agency for Internat'l Dvlpmt <sup>4</sup> .....	NA	NA	NA	NA	NA	207	241	0
Nat'l Aeronautics & Space Admin .....	234	1,389	2,216	1,262	671	329	359	600
National Science Foundation .....	2,642	3,360	2,138	527	870	176	265	108
Nuclear Regulatory Commission .....	2,017	4,584	4,060	5,062	7,993	11,297	11,731	18,845
Off of Telecommunications Policy .....	0	193	47	NA	NA	NA	NA	NA
United States Arms Control & Disarmament Agency .....	153	353	449	50	10	60	0	235

<sup>1</sup> In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

<sup>2</sup> Functions for the Defense Civil Preparedness Agency transferred from the Department of Defense to the Federal Emergency Management Agency on July 20, 1979.

<sup>3</sup> In 1977 the Energy Research & Development Administration became part of the Department of Energy.

<sup>4</sup> The Agency for International Development transferred from the Department of State to the International Development Cooperation Agency on Oct. 1, 1979.

<sup>5</sup> Functions for the National Fire Prevention & Control Administration transferred from the Department of Commerce to the Federal Emergency Management Agency as of Apr. 1, 1979.

**KEY:** FFRDCs = Federally funded research and development centers  
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 24A. Federal obligations to FFRDCs administered by other nonprofit institutions  
for research, by agency:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 1

Agency	1982	1983	1984	1985	1986	1987	1988	1989
Total, all agencies .....	104,154	85,152	87,262	97,018	87,933	89,803	82,861	109,513
Department of Commerce, total .....	101	0	0	1,502	0	0	0	0
National Oceanic & Atmospheric Administration .....	101	0	0	1,502	0	0	0	0
Department of Defense, total .....	18,267	15,527	11,963	10,184	9,201	16,060	8,673	16,483
Department of the Army, total .....	860	377	2,110	82	567	0	848	210
Department of the Army, Military Functions .....	860	377	2,110	82	567	0	848	210
Department of the Navy .....	4,800	1,675	2,773	1,439	141	4,414	423	350
Dept of the Air Force .....	0	1,323	125	406	265	37	0	0
Defense Agencies .....	12,607	12,152	6,955	8,257	8,228	11,609	7,402	15,923
Department of Energy <sup>1</sup> .....	64,101	47,033	56,279	68,314	65,685	59,543	58,263	71,994
Dept of Hlth & Human Svcs, total .....	329	3,651	2,506	5,717	3,095	3,855	7,522	8,097
National Institutes of Health .....	329	3,651	2,401	5,717	3,095	3,855	7,522	8,097
Office of the Secretary .....	0	0	105	0	0	0	0	0
Department of the Interior, total .....	230	40	64	30	0	0	0	0
Bureau of Mines .....	0	0	34	0	0	0	0	0
Bureau of Reclamation .....	60	40	30	30	0	0	0	0
Geological Survey <sup>2</sup> .....	170	0	0	0	0	0	0	0
Department of State .....	0	0	0	0	0	10	10	0
Dept of Transportation, total .....	0	0	60	0	0	0	0	0
Office of the Secretary .....	0	0	60	0	0	0	0	0
Department of the Treasury, total .....	0	0	61	0	0	0	0	0
United States Customs Service .....	0	0	61	0	0	0	0	0
Other agencies:								
Federal Emergency Management Agency, total .....	0	36	0	29	0	0	0	0
International Development Cooperation Agency .....	0	792	0	574	0	0	0	0
Agency for Internat'l Dvlpmnt .....	0	792	0	574	0	0	0	0
Nat'l Aeronautics & Space Admin .....	414	467	375	739	563	402	592	2,027
National Science Foundation .....	295	50	163	0	0	0	59	377
Nuclear Regulatory Commission .....	20,382	17,506	15,746	9,869	9,314	9,828	7,742	10,460
United States Arms Control & Disarmament Agency .....	35	50	45	60	75	105	0	75

<sup>1</sup> In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

<sup>2</sup> As of 1985 the Office of Water Research & Technology has been combined with the Geological Survey.

**NOTE:** In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

**KEY:** FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 24B. Federal obligations to FFRDCs administered by other nonprofit institutions  
for research, by agency:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 1

Agency	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all agencies .....	137,625	170,923	139,932	173,432	177,951	210,130	183,682	191,571
Department of Commerce, total .....	25	25	0	0	0	0	0	0
National Oceanic & Atmospheric Administration .....	25	25	0	0	0	0	0	0
Department of Defense, total .....	17,367	34,750	12,318	16,072	11,385	15,858	18,566	14,032
Department of the Army, total .....	1,476	1,112	3,097	2,377	819	1,003	359	688
Department of the Army, Military Functions .....	1,476	1,112	3,097	2,377	819	1,003	359	688
Department of the Navy .....	485	790	1,790	1,488	600	1,771	1,913	467
Dept of the Air Force .....	700	22,457	1,698	1,672	1,913	1,310	5,205	5,360
Defense Agencies .....	14,706	10,391	5,733	10,535	8,053	11,774	11,089	7,517
Department of Energy .....	84,477	98,953	90,644	126,441	136,281	146,580	127,263	138,590
Dept of Hlth & Human Svcs, total .....	16,677	15,599	15,332	13,293	16,171	18,005	19,268	19,972
Centers for Disease Control & Prevention .....	0	0	0	0	64	67	67	67
Health Resources & Svcs Admin .....	0	1,699	0	0	0	0	0	0
Nat'l Institutes of Health <sup>1</sup> .....	16,677	13,900	15,332	13,293	16,107	17,938	19,201	19,905
Department of State <sup>2</sup> .....	1	0	0	0	0	0	0	0
Dept of Transportation, total .....	6,543	6,513	8,169	0	1,485	967	603	675
Federal Aviation Admin .....	6,543	6,513	8,169	0	1,485	967	603	675
Department of the Treasury, total .....	0	0	0	2,155	0	17,200	14,500	14,500
Internal Revenue Service <sup>3 4</sup> .....	0	0	0	2,155	0	17,200	14,500	14,500
Other agencies:								
Nat'l Aeronautics & Space Admin .....	1,657	1,243	1,318	1,254	3,010	1,851	1,866	1,896
National Science Foundation .....	258	317	338	330	235	583	559	497
Nuclear Regulatory Commission .....	10,620	13,523	11,563	13,887	9,384	9,086	1,057	1,409
United States Arms Control & Disarmament Agency <sup>5</sup> .....	0	0	250	0	0	0	0	0

<sup>1</sup> Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

<sup>2</sup> Increases in outlays and obligations reported by the Department of State during the Vol. 44 survey cycle reflect reporting of monies received through interagency agreements with the Agency for International Development. The Department of State transfers these outlays and obligations to other R&D performers.

<sup>3</sup> Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Vol. 41 submission.

<sup>4</sup> Large changes in obligations reported by the Internal Revenue Service for Vol. 44 are due to shifts in research funding.

<sup>5</sup> Fiscal year 1994 figures for the United States Arms Control & Disarmament Agency are estimates based on the agency's Vol. 43 submission.

**KEY:** FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 25. Federal obligations for total research, by detailed field of science and engineering:  
fiscal years 1974-81**

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1974	1975	1976	1977	1978	1979	1980	1981
Total, all fields .....	6,175,240	6,729,708	7,619,332	8,514,115	9,606,758	10,535,005	11,597,378	12,212,780
Life sciences, total .....	2,265,140	2,455,195	2,649,696	3,007,749	3,427,133	3,848,281	4,192,335	4,435,640
Biol & agricultural, total .....	1,316,179	1,452,179	1,535,798	1,777,567	2,024,018	2,320,322	2,507,558	2,711,768
Biol (excl environmental) .....	NA	NA	NA	NA	1,488,450	1,702,249	1,830,611	1,996,635
Environmental biology .....	NA	NA	NA	NA	184,873	216,553	229,741	220,316
Agricultural .....	NA	NA	NA	NA	350,695	401,520	447,206	494,817
Medical sciences, total .....	910,836	951,095	1,042,935	1,138,760	1,287,447	1,380,615	1,536,888	1,609,930
Clinical medical .....	565,660	550,563	586,666	634,377	NA	NA	NA	NA
Other medical .....	345,176	400,532	456,269	504,383	NA	NA	NA	NA
Life sciences, n.e.c. ....	38,125	51,921	70,963	91,422	115,668	147,344	147,889	113,942
Psychology, total .....	133,419	139,192	143,996	156,201	176,667	197,384	199,009	208,898
Biological aspects .....	49,322	37,442	43,816	57,613	53,412	56,767	59,882	57,511
Social aspects .....	51,962	57,069	54,920	54,508	65,392	83,628	94,805	93,488
Psychological sciences, n.e.c. ....	32,135	44,681	45,260	44,080	57,863	56,989	44,322	57,899
Physical sciences, total .....	1,016,069	1,096,644	1,258,892	1,530,171	1,645,647	1,792,554	2,000,612	2,220,534
Astronomy .....	136,030	168,319	163,093	197,305	213,601	284,429	285,671	281,027
Chemistry .....	280,366	285,554	328,444	370,722	404,993	443,618	454,536	486,877
Physics .....	556,641	594,954	709,263	866,260	942,436	1,022,741	1,182,546	1,345,638
Physical sciences, n.e.c. ....	43,032	47,817	58,092	95,884	84,617	41,766	77,859	106,992
Environmental sciences, total .....	636,327	727,269	769,284	906,001	1,024,566	1,100,984	1,260,957	1,121,080
Atmospheric sciences .....	288,296	302,248	289,312	318,366	319,194	348,716	409,513	373,432
Geological sciences .....	157,063	191,713	227,162	269,430	316,360	358,667	401,755	396,082
Oceanography .....	120,014	143,792	163,967	195,894	223,837	220,479	262,124	261,684
Environmental sciences, n.e.c. ....	70,954	89,516	88,843	122,311	165,175	173,122	187,565	89,882
Math & computer sciences, total .....	114,268	125,260	157,794	195,880	216,280	210,301	240,943	278,925
Mathematics .....	NA	NA	69,871	96,414	93,352	84,179	90,926	117,726
Computer sciences .....	NA	NA	73,583	89,355	107,267	106,266	128,593	121,520
Math & computer sci, n.e.c. ....	NA	NA	14,340	10,111	15,661	19,856	21,424	39,679
Engineering, total .....	1,563,733	1,717,777	2,068,655	2,112,917	2,421,171	2,571,630	2,830,131	3,071,454
Aeronautical .....	336,099	345,070	526,827	408,847	482,861	624,897	708,134	709,577
Astronautical .....	97,471	99,080	179,386	158,990	165,138	251,140	302,325	303,936
Chemical .....	61,453	83,863	88,270	104,801	149,431	114,291	96,335	147,624
Civil .....	103,623	125,596	105,905	117,354	142,418	125,006	158,781	159,112
Electrical .....	269,240	286,968	297,685	382,727	432,627	417,865	517,142	556,674
Mechanical .....	131,712	162,480	185,680	199,173	234,146	195,876	207,978	204,646
Metallurgy & materials .....	190,646	221,846	274,909	293,833	285,973	249,346	236,184	255,972
Engineering, n.e.c. ....	373,489	392,874	409,993	447,192	528,577	593,209	603,252	733,913
Social sciences, total .....	292,196	301,816	392,456	426,125	489,486	527,310	523,811	497,427
Anthropology .....	13,396	13,850	13,588	12,379	19,526	17,343	17,179	14,537
Economics .....	117,976	126,238	137,577	142,854	163,180	181,915	192,771	206,722
Political science .....	8,461	11,693	7,239	8,479	8,816	13,916	12,170	10,767
Sociology .....	64,294	54,907	53,646	52,157	60,333	64,523	71,435	64,990
Social sciences, n.e.c. ....	88,069	95,128	180,406	210,256	237,631	249,613	230,256	200,411
History .....	6,192	6,955	NA	NA	NA	NA	NA	NA
Linguistics .....	3,148	3,049	NA	NA	NA	NA	NA	NA
Other social sciences .....	78,729	85,124	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c. ....	154,088	166,555	178,559	179,071	205,808	286,561	349,580	378,822

**KEY:** NA = Not applicable (indicates that the data collected for this table were not recorded at that level for that particular fiscal year)  
n.e.c. = Not elsewhere classified

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 25A. Federal obligations for total research, by detailed field of science and engineering:  
fiscal years 1982-89**

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1982	1983	1984	1985	1986	1987	1988	1989
Total, all fields .....	13,022,185	14,253,525	14,978,773	16,133,421	16,502,199	17,940,521	18,650,145	20,765,531
Life sciences, total .....	4,745,499	5,177,931	5,635,948	6,362,498	6,464,318	7,341,436	7,724,461	8,495,111
Biol & agricultural, total .....	2,811,770	3,064,400	3,325,004	3,755,290	3,861,309	4,358,482	4,573,376	5,020,036
Biol (excl environmental) .....	2,079,260	2,305,543	2,563,089	2,885,652	2,993,384	3,501,982	3,681,723	3,983,195
Environmental biology .....	183,532	193,639	249,953	260,305	264,077	289,556	300,983	367,802
Agricultural .....	548,978	565,218	511,962	609,333	603,848	566,944	590,670	669,039
Medical sciences .....	1,773,025	1,927,453	2,112,838	2,368,494	2,360,421	2,664,766	2,941,013	3,222,523
Life sciences, n.e.c. ....	160,704	186,078	198,106	238,714	242,588	318,188	210,072	252,552
Psychology, total .....	218,396	240,871	266,672	327,124	333,970	369,513	389,825	421,665
Biological aspects .....	59,586	63,217	80,769	91,197	90,067	98,336	105,259	121,797
Social aspects .....	98,099	104,670	107,767	142,866	143,534	154,462	149,389	149,920
Psychological sciences, n.e.c. ....	60,711	72,984	78,136	93,061	100,369	116,715	135,177	149,948
Physical sciences, total .....	2,500,381	2,891,439	2,969,014	3,046,010	3,069,053	3,252,648	3,317,303	3,705,223
Astronomy .....	275,784	357,416	382,292	414,743	468,160	522,187	470,838	541,939
Chemistry .....	481,154	520,291	606,411	650,397	662,397	680,267	703,066	782,636
Physics .....	1,610,508	1,854,566	1,836,429	1,816,027	1,805,923	1,853,641	1,975,290	2,190,779
Physical sciences, n.e.c. ....	132,935	159,166	143,882	164,843	132,573	196,553	168,109	189,869
Environmental sciences, total .....	1,148,303	1,251,203	1,275,913	1,403,674	1,481,660	1,511,614	1,606,957	1,773,248
Atmospheric sciences .....	425,829	460,684	434,132	485,982	521,305	552,928	587,835	588,036
Geological sciences .....	357,556	333,537	358,990	428,983	443,901	441,737	441,625	542,773
Oceanography .....	261,278	343,510	363,489	398,508	429,660	427,435	460,353	491,907
Environmental sciences, n.e.c. ....	103,640	113,472	119,302	90,201	86,794	89,514	117,144	150,532
Math & computer sciences, total .....	350,080	419,416	440,324	574,898	615,412	640,630	642,884	735,441
Mathematics .....	128,131	133,511	150,983	183,649	184,525	204,477	217,857	236,055
Computer sciences .....	170,938	214,555	214,528	280,270	302,426	297,843	292,714	364,621
Math & computer sci, n.e.c. ....	51,011	71,350	74,813	110,979	128,461	138,310	132,313	134,765
Engineering, total .....	3,386,543	3,516,999	3,624,055	3,617,630	3,738,946	3,906,316	3,956,397	4,442,164
Aeronautical .....	741,158	820,565	860,382	737,992	775,567	810,400	801,755	986,805
Astronautical .....	290,734	321,487	396,796	424,742	526,886	624,636	575,371	677,396
Chemical .....	95,118	144,994	144,450	254,334	245,839	215,798	258,074	142,238
Civil .....	201,919	188,465	202,811	216,579	202,947	204,400	214,852	229,779
Electrical .....	612,186	614,944	630,044	626,814	674,419	786,333	731,087	843,097
Mechanical .....	201,228	266,395	190,470	266,995	236,540	233,455	240,771	257,357
Metallurgy & materials .....	309,129	332,524	341,080	439,212	445,041	361,984	456,711	521,001
Engineering, n.e.c. ....	935,071	827,625	858,022	650,962	631,707	669,310	677,776	784,491
Social sciences, total .....	385,939	435,268	436,339	460,014	415,509	480,045	485,794	551,041
Anthropology .....	14,564	12,799	18,579	17,951	13,633	15,244	14,285	13,864
Economics .....	157,102	165,551	147,298	159,652	131,251	148,505	159,528	166,788
Political science .....	7,534	11,147	10,750	14,640	11,630	11,296	12,159	13,489
Sociology .....	52,005	67,815	70,227	66,460	66,969	73,976	81,787	94,079
Social sciences, n.e.c. ....	154,734	177,956	189,485	201,311	192,026	231,024	218,035	262,821
Other sciences, n.e.c. ....	287,044	320,398	330,508	341,573	383,331	438,319	526,524	641,638

**KEY:** n.e.c. = Not elsewhere classified

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table 25B. Federal obligations for total research, by detailed field of science and engineering:  
fiscal years 1990-97**

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1990	1991	1992	1993	1994	1995	Preliminary	
							1996	1997
Total, all fields .....	21,622,364	23,968,377	24,490,598	26,890,497	27,440,352	28,573,434	28,577,767	29,173,536
Life sciences, total .....	8,829,849	9,621,981	9,910,481	10,772,095	11,290,604	11,869,420	12,150,125	12,299,589
Biol & agricultural, total .....	5,178,394	5,597,871	5,633,586	6,059,320	6,080,659	6,428,558	NA	NA
Biol (excl environmental) .....	4,144,632	4,411,944	4,380,252	4,730,607	4,682,617	4,803,882	NA	NA
Environmental biology .....	342,344	459,747	510,987	556,492	609,450	891,524	NA	NA
Agricultural .....	691,418	726,180	742,347	772,221	788,592	733,152	NA	NA
Medical sciences .....	3,382,350	3,460,299	3,909,934	4,404,435	4,846,468	5,004,566	NA	NA
Life sciences, n.e.c. ....	269,105	563,811	366,961	308,340	363,477	436,296	NA	NA
Psychology, total .....	448,601	482,400	298,129	550,682	549,790	620,786	641,334	650,244
Biological aspects .....	130,639	140,192	34,615	37,200	46,915	57,006	NA	NA
Social aspects .....	177,453	197,457	100,946	134,739	116,821	156,303	NA	NA
Psychological sciences, n.e.c. ....	140,509	144,751	162,568	378,743	386,054	407,477	NA	NA
Physical sciences, total .....	3,808,723	4,235,336	4,439,162	4,426,961	4,258,130	4,281,568	4,322,403	4,398,227
Astronomy .....	597,154	631,657	739,057	686,281	747,137	764,911	NA	NA
Chemistry .....	761,675	828,420	896,179	843,155	872,349	866,213	NA	NA
Physics .....	2,254,935	2,460,930	2,578,194	2,638,367	2,435,994	2,451,288	NA	NA
Physical sciences, n.e.c. ....	194,959	314,329	225,732	259,158	202,650	199,156	NA	NA
Environmental sciences, total .....	2,174,084	2,149,783	2,207,616	2,608,489	2,827,637	2,947,385	2,924,144	2,955,071
Atmospheric sciences .....	773,394	802,700	767,276	984,118	1,088,130	1,176,125	NA	NA
Geological sciences .....	661,114	728,749	735,671	797,865	835,152	864,200	NA	NA
Oceanography .....	520,125	398,579	458,908	467,350	487,303	424,026	NA	NA
Environmental sciences, n.e.c. ....	219,451	219,755	245,761	359,156	417,052	483,034	NA	NA
Math & computer sciences, total .....	840,737	903,705	1,160,294	1,225,416	1,291,518	1,530,877	1,508,327	1,545,836
Mathematics .....	241,339	227,616	318,666	290,785	339,114	359,221	NA	NA
Computer sciences .....	562,128	584,941	771,777	826,085	810,988	961,877	NA	NA
Math & computer sci, n.e.c. ....	37,270	91,148	69,851	108,546	141,416	209,779	NA	NA
Engineering, total .....	4,226,639	4,944,471	4,976,967	5,499,419	5,509,027	5,740,088	5,508,544	5,707,682
Aeronautical .....	927,099	1,016,232	874,592	1,193,030	1,236,182	1,248,561	NA	NA
Astronautical .....	580,782	653,094	630,408	493,978	499,068	545,098	NA	NA
Chemical .....	241,853	304,303	297,478	245,526	234,759	250,407	NA	NA
Civil .....	317,695	304,987	330,240	251,994	296,438	340,442	NA	NA
Electrical .....	640,043	729,905	759,007	881,462	712,986	765,854	NA	NA
Mechanical .....	268,331	335,514	337,246	466,868	366,037	418,064	NA	NA
Metallurgy & materials .....	554,508	710,667	727,206	695,691	839,090	793,349	NA	NA
Engineering, n.e.c. ....	696,328	889,769	1,020,790	1,270,870	1,324,467	1,378,313	NA	NA
Social sciences, total .....	629,990	727,290	689,699	674,889	655,236	681,518	669,373	727,632
Anthropology .....	14,386	15,982	14,097	13,739	16,855	22,079	NA	NA
Economics .....	197,161	187,423	211,560	204,716	195,270	205,940	NA	NA
Political science .....	13,146	17,022	22,556	29,220	28,512	24,136	NA	NA
Sociology .....	116,159	183,979	80,688	76,703	69,284	48,509	NA	NA
Social sciences, n.e.c. ....	289,138	322,884	360,798	350,511	345,315	380,854	NA	NA
Other sciences, n.e.c. ....	663,741	903,411	808,250	1,132,546	1,058,410	901,792	853,517	889,255

**NOTE:** The National Aeronautics and Space Administration has made a statistical adjustment to the 1994, 1995, 1996, and 1997 field of science and engineering values to diminish a computational error introduced by its software.

**KEY:** NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year)  
n.e.c. = Not elsewhere classified

**SOURCE:** National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997